

**Transitional
provisions for the
examination
regulations
for
the Department of
Computer Science at the
Sankt Augustin Campus
of the Bonn-Rhein-Sieg University
of Applied Sciences dated 28
February 2025**

Disclaimer

This English text is provided for information purposes only. In the event of any discrepancies or ambiguities, the German version shall prevail and is legally binding.

Pursuant to Section 2 (4) and Section 64 (1) of the Higher Education Act of the State of North Rhine-Westphalia (Hochschulgesetz – HG NRW) of 16 September 2014 (GV. NRW p. 547), last amended by Art. 9 of the Civil Service Modernisation Act for the State of North Rhine-Westphalia dated 14 June 2016 (GV. NRW p. 310), the Department of Computer Science at the Sankt Augustin Campus of the Bonn-Rhein-Sieg University of Applied Sciences has issued the following transitional regulations dated 28 February 2025 to the examination regulations dated 28 November 2024.

Table of contents

Table of contents	2
Table	3
Preamble	4
A. Provisions	5
§ 1 Repeal or amendment of examination regulations	5
§ 2 Expiry of the range of courses and examinations	5
§ 3 Change of degree programme	6
§ 4 Entry into force.....	7
B. Appendix	8
B.1. Expiration of programmes according to PO 2017	8
B.1.1. Expiration of courses offered in the BI 2017, BWI 2017, BCSP 2017 and BId 2017 degree programmes 8	
B.1.2. Expiration of the MI 2017, MCSP 2017, MAS 2017 and MVG 2017 degree programmes.....	9
B.2. Bachelor's programme in Computer Science (BI)	10
B.2.1. Creditable academic achievements according to PO 2017	10
B.2.2. Proportionally creditable academic achievements according to PO 2017	13
B.2.3. Additional courses to be taken from PO 2024	13
B.3. Bachelor's degree programme in Business Informatics (BWI)	14
B.3.1. Creditable academic achievements according to PO 2017	14
B.3.2. Additional courses to be taken from PO 2024	15
B.3.3. Creditable academic achievements in specialisations according to PO 2017.....	16
B.3.4. Proportionally creditable academic achievements according to PO 2017	17
B.4. Bachelor's programme in Cyber Security & Privacy (BCSP).....	18
B.4.1. Creditable academic achievements according to PO 2017	18
B.4.2. Proportionally creditable academic achievements according to PO 2017	20
B.4.3. Additional courses to be taken from PO 2024	20
B.5. Master's programme in Computer Science (MI)	20
B.5.1. Creditable coursework according to PO 2017	21
B.6. Master's programme in Autonomous Systems (MAS).....	22
B.6.1. Creditable academic achievements according to PO 2017	22
B.6.2. Proportionally creditable academic achievements according to PO 2017	23
B.7. Master's programme Master Game Technologies (MGT)	24
B.7.1. Creditable academic achievements according to PO 2017	24

Table

Table 1: Overview of the last courses and examinations offered according to PO 2017 (Bachelor)	8
Table 2: Important dates for the transition to PO 2024 and for submitting applications under PO 2017 (Bachelor)	8
Table 3: Overview of the last courses and examinations offered under PO 2017 (Master's).....	9
Table 4: Important dates for switching to PO 2024 and for submitting applications in PO 2017 (Master's)	9
Table 5: Creditable academic achievements according to PO 2017 (BI)	10
Table 6: Specification of the mapping of WPF and SPEZ according to PO 2017 (BI).....	12
Table 7: Proportionally creditable academic achievements according to PO 2017 (BI).....	13
Table 8: Additional courses to be taken from PO 2024 (BI)	13
Table 9: Creditable academic achievements according to PO 2017 (BWI)	14
Table 10: Additional courses to be taken from PO 2024 (BWI)	15
Table 11: Proportionally creditable academic achievements in specialisations according to PO 2017 (BWI)	16
Table 12: Proportionally creditable academic achievements according to PO 2017 (BWI)	17
Table 13: Creditable academic achievements according to PO 2017 (BCSP)	18
Table 14: Illustration of WPF (BCSP).....	20
Table 15: Proportionally creditable academic achievements according to PO 2017 (BCSP)	20
Table 16: Additional courses to be taken from PO 2024 (BCSP)	20
Table 17: Creditable academic achievements according to PO 2017 (MI)	21
Table 18: Creditable academic achievements according to PO 2017 (MAS)	22
Table 19: Proportionally creditable academic achievements according to PO 2017 (MAS)	23
Table 20: Creditable academic achievements according to PO 2017 (MGT)	24

Preamble

These transitional regulations govern the transition from the examination regulations for the Department of Computer Science at the Sankt Augustin campus of the Bonn-Rhein-Sieg University of Applied Sciences in the version dated 2017 and all amendment regulations based on them.

The PO 2017 and the amendment regulations based on it provide regulations for the following degree programmes:

- Bachelor's degree programme in Computer Science (Bachelor Informatik, "BI 2017", from PO 2017)
- Bachelor's degree programme in Computer Science (Bachelor Informatik dual, BID 2017, introduced in the second amendment regulation, 17 January 2019)
- Bachelor's programme in Business Informatics (Bachelor Wirtschaftsinformatik, "BWI 2017", from PO 2017)
- Bachelor's degree programme in Cyber Security & Privacy ("BCSP 2017", from PO 2017, introduced in the third amendment, 24 June 2021)
- Master's programme in Computer Science (Master Informatik, "MI 2017", from PO 2017)
- Master's programme in Autonomous Systems (MAS 2017, from PO 2017)
- Master's programme in Visual Computing & Games Technology (MVG 2017, from PO 2017)
- Master's programme in Cyber Security & Privacy ("MCSP 2017", from PO 2017, introduced in the fifth amendment, 12 May 2023)

The PO 2024 sets out regulations for the following degree programmes:

- Bachelor's programme in Computer Science ("BI 2024")
- Bachelor's programme in Computer Science Cooperative (Bachelor Informatik kooperativ, "BIk 2024")
- Bachelor's programme in Business Informatics ("BWI 2024")
- Bachelor's programme in Cyber Security & Privacy ("BCSP 2024")
- Master's programme in Computer Science ("MI 2024")
- Master's programme in Autonomous Systems (MAS 2024)
- Master's programme in Game Technologies (MGT 2024)
- Master's programme in Cyber Security & Privacy (MCSP 2024)

A. Provisions

§ 1 Repeal or amendment of examination regulations

(1) ¹Students will be admitted to the BI 2017, BIId 2017, BCSP 2017 and BWI 2017 degree programmes in the 1st to 6th semesters for the last time in the semester in which regular courses are offered for the last time in accordance with [B.1.1](#). ²The BIId 2017 degree programme will be replaced by the BIId 2024 degree programme.

(2) ¹Students will be admitted to the MI 2017, MVG 2017, MCSP 2017 and MAS 2017 degree programmes in the 1st to 4th semesters for the last time in the semester in which regular courses are offered for the last time in accordance with [B.1.2](#). ²The MVG 2017 degree programme will be replaced by the MGT 2024 degree programme.

(3) ¹Starting in the 2025/26 winter semester, enrolment in the first semester will only be possible in the BI 2024, BIId 2024, BCSP 2024, BWI 2024, MI 2024, MAS 2024 and MGT 2024 degree programmes. ²Enrolment in a higher semester of these degree programmes will only be possible once courses for that semester are offered.

(4) ¹For students enrolled in the BI 2017, BIId 2017, BCSP 2017, and BWI 2017 programmes, the provisions of the PO 2017 shall apply until 31 August 2030 as follows: ²In principle, the provisions of the PO 2024 shall apply. ³If provisions of the PO 2024 are disadvantageous to students compared to those of the PO 2017, the provisions of the PO 2017 shall apply.

(5) ¹For students enrolled in the MI 2017, MAS 2017, MCSP 2017 and MVG 2017 programmes, the provisions of the PO 2017 shall apply until 28 February 2029 as follows: ²In principle, the provisions of the PO 2024 shall apply. ³If provisions of the PO 2024 are disadvantageous to students compared to those of the PO 2017, the provisions of the PO 2017 shall apply.

(6) ¹ After expiry of the period specified in [§ 1 \(4\)](#) or [§ 1 \(5\)](#), it is no longer possible to graduate under PO 2017.

(7) ¹Students enrolled in the BI 2017, BIId 2017, BCSP 2017, BWI 2017, MI 2017, MVG 2017, MCSP 2017 or MAS 2017 will be automatically de-registered after expiry of the period specified in [§ 1 \(4\)](#) or [§ 1 \(5\)](#) in accordance with § 51 (1) No. 3 HG NRW.

§ 2 Expiry of the range of courses and examinations

(1) ¹Pursuant to Section 6 (1) of the Ordinance on Securing Tasks in Higher Education of 30 May 2001, amended by the Ordinance of 28 October 2007 (GV. NRW p. 477), enrolled students under PO 2017 are allowed to continue their studies according to the study plan assigned at the time of enrolment until at least twice the standard period of study.

(2) ¹The deadlines within which courses and opportunities to complete coursework for the BI 2017, BIId 2017, BCSP 2017 and BWI 2017 degree programmes are offered are specified in [B.1.1 \(Table2\)](#). ²The deadlines within which courses and opportunities to complete coursework for the MI 2017, MCSP 2017, MVG 2017 and MAS 2017 degree programmes are offered are specified in [B.1.2 \(Table4\)](#).

(3) ¹After the regular offer expires, courses that are compatible with the respective module according to PO 2017 will be offered within the given deadlines (see the overviews for the

Bachelor's programmes BI 2017, BIid 2017, BCSP 2017 and BWI 2017 at [B.1.11.1](#), [Table 1](#) and for the Master's programmes MI 2017, MCSP 2017, MVG 2017 and MAS 2017 at [B.1.21.2](#), [Table 3](#)). ²Compatibility means that one or more courses cover the content of the module according to PO 2017. ³Compatible courses may

1. consist of parts of several courses,
2. be more extensive than intended for the module according to PO 2017, or
3. differ in terms of their offering in the winter or summer semester and other requirements for the module according to PO 2017.

(4) ¹ In the BI 2017, BIid 2017, BCSP 2017 and BWI 2017 degree programmes, applications for a thesis and colloquium must be submitted in accordance with the deadlines specified in [B.1.1](#) ([Table 2](#)). ²The processing period and the final colloquium must be scheduled so that the programme can be completed within the period specified in [§ 1 \(4\)](#).

(5) ¹In the MI 2017, MCSP 2017, MVG 2017 and MAS 2017 degree programmes, applications for admission to the Master's thesis and colloquium must be submitted in accordance with the deadlines specified in [B.1.2](#) ([Table 4](#)). ²The processing period and the final colloquium must be scheduled so that the programme can be completed within the period specified in [§ 1 \(8\)](#).

§ 3 Change of degree programme

(1) ¹Students enrolled in the BI 2017, BIid 2017, BCSP 2017 and BWI 2017 degree programmes may switch to the PO 2024 until 31 August 2028. ²Students enrolled in the MI 2017, MCSP 2017, MVG 2017 and MAS 2017 programmes may switch to the PO 2024 until 28 February 2028. ³The following programme diagrams therefore apply:

- from BI 2017 to BI 2024,
- from BWI 2017 to BWI 2024,
- from BCSP 2017 to BCSP 2024
- from BIid 2017 to Bik 2024
- from MI 2017 to MI 2024
- from MCSP 2017 to MCSP 2024
- from MAS 2017 to MAS 2024
- from MVG 2017 to MGT 2024

⁴ The change requires a written application to the examination service of the university by 31 May 2028 (bachelor's programmes) or 15 December 2027 (master's programmes).

(2) ¹ Creditable academic achievements according to PO 2017 are listed in [B.2.1](#), [B.3.1](#), [B.3.3](#), [B.4.1](#), [B.5.1](#), [B.6.1](#) and in [B.7.1](#) . ²When switching from PO 2017 to PO 2024, credits earned under PO 2017 will be *directly* transferred as the corresponding credits under PO 2024. ³When crediting a graded academic achievement under PO 2017 , the grade for the corresponding academic achievement under PO 2024 will be transferred. ⁴Failed attempts will be transferred from the old PO 2017.

(3) ¹Additional coursework in the BI 2017, BId 2017, BCSP 2017 and BWI 2017 according to PO 2024, which are *credited proportionally* as corresponding study achievements according to PO 2024, are specified in [B.2.2](#), [B.3.4](#), [B.4.2](#) and [B.6.2](#) together with the weighting of the proportions of the achievements in question. ²In the case of proportional crediting of graded academic achievements according to PO 2017, the grade for the academic achievement according to PO 2024 is composed of the correspondingly weighted sum of the grades for the individual achievements according to PO 2017. ³Failed attempts at partial achievements from PO 2017 are not taken into account when switching to PO 2024 (see detailed information in [B.2.2](#), [B.3.4](#), [B.4.2](#) and [B.6.2](#)).

(4) Additional courses to be taken in accordance with the new PO 2024 are listed in [B.2.3](#), [B.3.2](#) and [B.4.3](#) .

(5) ¹No credit transfer of examination achievements needs to be defined for the MCSP 2024 degree programme, as the curriculum and thus the module names have not been adapted from the MCSP 2017 version in PO 2017-5.

(6) ¹Beyond the provisions in [§ 3 \(2\)](#) and [§ 3 \(4\)](#), the relevant examination board shall decide on the recognition of academic achievements upon request in accordance with the legal requirements when switching from PO 2017 to PO 2024.

(7) ¹To avoid hardship, especially in cases of serious illness or disability or when taking maternity or parental leave, the examination board may, upon request, approve a change to the examination regulations at a later date than specified in [§ 3 \(1\)](#), but no later than 31 August 2030 for the BI 2017, BId 2017, BCSP 2017 and BWI 2017, and no later than 28 February 2029 for MI 2017, MCSP 2017, MVG 2017 and MAS 2017.

§ 4 Entry into force

¹These transitional provisions shall enter into force on the day following their publication in the official announcements of the Bonn-Rhein-Sieg University of Applied Sciences (Verköndungsblatt).

Done on the basis of the resolution of the Faculty Council of the Faculty of Computer Science on 28 February 2025.

Sankt Augustin, 28 February 2025

Prof. Dr. Sascha Alda
Dean of the Department of Computer Science

B. Appendix

B.1. Expiration of programmes according to PO 2017

B.1.1. Expiration of courses offered in the BI 2017, BWI 2017, BCSP 2017 and Bld 2017 degree programmes

Table1 : Overview of the last courses and examinations offered under PO 2017 (Bachelor)

Standard semester of the module according to PO 2017	Last regular offering of courses according to PO 2017	Offers of compatible courses until (if not available in new PO)	Exam offerings until
1. Semester	WS 2024/25	WS 2025/26	WS 2027/28
2. Semester	SS 2025	SS 2026	SS 2028
3. Semester	WS 2025/26	WS 2026/27	WS 2028/29
4. Semester	SS 2026	SS 2027	SS 2029
5. Semester	WS 2026/27	WS 2027/28	WS 2029/30
6. Semester	SS 2027	SS 2028	SS 2030

Table2 : Important dates for switching to PO 2024 and for submitting applications in PO 2017 (Bachelor)

Written application for the change by:	31.05.28	
Switch to PO 2024 in accordance with application by:	31.08.28	
End of PO 2017; automatic de-registration of students who do not switch	31.08.30	
Application for admission to the Bachelor's thesis by:	30.09.29	
Application for admission to repeat the Bachelor's thesis by:	31.03.30	
Application for the colloquium by:	15.7.2030	Application for repetition within one week of failing the first final colloquium

B.1.2. Expiration of the MI 2017, MCSP 2017, MAS 2017 and MVG 2017 degree programmes

Table3 : Overview of final courses and examinations offered in accordance with PO 2017 (Master's)

Standard semesters of the module according to PO 2017	Last regular offering of courses according to PO 2017	Offers of compatible courses until (if not available in new PO)	Exams offered until
1. Semester	SS 2025	SS 2026	SS 2027
2. Semester	WS 2025/26	WS 2026/27	WS 2027/28
3. Semester	SS 2026	SS 2027	SS 2028
4. Semester	WS 2026/27	WS 2027/28	WS 2028/29

Table4 : Important dates for switching to PO 2024 and for submitting applications in PO 2017 (Master's)

Written application for the change by:	15.12.27	
Switch to PO 2024 in accordance with application by:	28.02.28	
End of PO 2017; automatic de-registration of students who do not switch	28.02.29	
Application for admission to the Master's thesis by:	31.10.27	
Application for admission to repeat the Master's thesis by:	30.06.28	
Application for the colloquium by:	15.01.29	Application for repetition within one week after failing the first final colloquium

B.2. Bachelor's programme in Computer Science (BI)

B.2.1. Creditable academic achievements according to PO 2017

Table5 : Creditable academic achievements according to PO 2017 (BI)

Achievement according to PO 2017			Performance according to PO 2024		
Course	Module17	CP	Course	Module 24	CP
Algorithmen & Datenstrukturen & Graphentheorie	BI-3-PSE-1	6	Algorithmen, Datenstrukturen und Graphentheorie	BI-2024-2-THI-1	6
Berechenbarkeit und Komplexität	BI-4-MTI-1	6	Berechenbarkeit und Komplexität	BI-2024-4-THI-1	6
Betriebssysteme	BI-3-VRS-2	6	Betriebssysteme	BI-2024-3-TIN-1	6
Betriebswirtschaftslehre	BI-1-ÜFK-1	3	1 x BI Überfachliche Kompetenzen	BI-2024-5-ÜK-1	3
Datenbanken	BI-2-PSE-1	6	Datenbanken	BI-2024-2-PI-1	6
Einführung in das IT-Recht	BI-5-ÜFK-1	3	1 x BI Überfachliche Kompetenzen	BI-2024-5-ÜK-1	3
Einführung in die Analysis	BI-2-MTI-1	6	Analysis	BI-2024-2-MAT-1	6
Einführung in die Automatentheorie und Formale Sprachen	BI-3-MTI-2	6	Automatentheorie und Formale Sprachen	BI-2024-3-THI-1	6
Einführung in die Programmierung	BI-1-PSE-1	9	Programmierung 1	BI-2024-1-PSE-1	9
Einführung in Diskrete Mathematik und Lineare Algebra	BI-1-MTI-1	6	<i>siehe unten (gewichtete Leistung)</i>	<i>na</i>	<i>na</i>

English for IT	BI-2-ÜFK-1	3	1 x BI Überfachliche Kompetenzen	BI-2024-5-ÜK-1	3
Grundlagen von Wahrscheinlichkeitstheorie und Statistik	BI-3-MTI-1	6	Wahrscheinlichkeitstheorie und Statistik	BI-2024-3-MAT-1	6
IT-Sicherheit	BI-3-VRS-1	6	IT-Sicherheit	BI-2024-3-PI-1	6
Literatur-Seminar	BI-5-WIA-1	3	Literatur-Seminar	BI-2024-5-WAP-1	3
Logische Grundlagen für die Informatik	BI-1-MTI-2	3	<i>siehe unten (gewichtete Leistung)</i>		na
Netze	BI-2-VRS-1 BI-2-VRS-2	6	Netze	BI-2024-1-TIN-2	6
Operating Systems (Betriebssysteme)	BI-3-VRS-2	6	Betriebssysteme oder Operating Systems (Kent)	BI-2024-3-TIN-1	6
Praxisprojekt	BI-6-PRJ-1	12	Praxisprojekt	BI-2024-6-PRJ-1	12
BI Thesis	BI-6-THS-1	12	BI Thesis	BI-2024-6-THS-1	12
BI Kolloquium	BI-6-THS-2	3	BI Kolloquium	BI-2024-6-THS-2	3
Programmierung 2	BI-2-PSE-2	6	Programmierung 2	BI-2024-2-PSE-1	6
Systemnahe Programmierung / Programmierung in C	BI-2-VRS-1 BI-2-VRS-2	3	<i>siehe unten (gewichtete Leistung)</i>		na
Projekt-Seminar	BI-3-WIA-1	3	Informatik-Projekt	BI-2024-3-WAP-1	3
Software Engineering 1	BI-4-PSE-1	6	Software Engineering 1	BI-2024-3-PSE-1	6
Software Engineering 2	BI-5-PSE-1	6	Software Engineering 2	BI-2024-4-PSE-1	6
Technische Informatik & Physikalische Grundlagen	BI-1-VRS-1	9	<i>siehe unten (gewichtete Leistung)</i>		Na

Failed attempts from courses in thisTable5 will be transferred when switching from PO 2017 to PO 2024.

Table6 : Specification of the mapping of WPF and SPEZ according to PO 2017 (BI)

Specification of mapping of WPF and SPEZ	PO 2017	PO 2024
Up to 4 x BI specialisation ==> Up to 4 x BI elective/specialisation	BI-4-SPZ-1/2 BI-5-SPZ-1/2	BI-2024-4-WPS-1/2/3 BI-2024-5-WPS-1/2/3
up to 2 x BI elective ==> up to 2 x BI elective/specialisation	BI-4-WPF-1 BI-4-WPF-2	BI-2024-4-WPS-1/2/3 BI-2024-5-WPS-1/2/3

Failed attempts from courses in thisTable6 will be transferred when switching from PO 2017 to PO 2024.

B.2.2. Proportionally creditable academic achievements according to PO 2017

Table7 : Proportionally creditable academic achievements according to PO 2017 (BI)

Weighted credits according to PO 2017	Achievements according to PO 2024	Failed attempts
2/3 BI-1-MTI-1(Einführung in Diskrete Mathematik und Lineare Algebra (6 CP)) + 1/3 BI-1-MTI-2 (Logische Grundlagen für die Informatik (3 CP))	BI-2024-1-MAT-1 (Mathematical Foundations and Linear Algebra (9 CP))	Failed attempts at partial achievements from PO 2017 are not taken into account when switching to PO 2024.
3/4 BI-1-VRS-1 (Technische Informatik & Physikalische Grundlagen (9 CP)) + 1/4 BI-2-VRS-2 (Systemnahe Programmierung (3 CP; LN))	BI-2024-1-TIN-1 (Technical Informatics (6 CP)) + BI-2024-2-TIN-1 (System-Oriented Programming (6 CP)); Final grade: 3/4 + 1/4 for both modules For LN: Grade must be available! Otherwise, module must be retaken.	Failed attempts at partial achievements from PO 2017 will be disregarded when switching to PO 2024

B.2.3. Additional courses to be taken from PO 2024

Table8 : Additional courses to be taken from PO 2024 (BI)

To be taken additionally:
BI-2024-5-ÜK-1 BI Interdisciplinary Competencies (Ethics) (Überfachliche Kompetenzen (Ethik)), 3 CP (or to be credited upon request)

B.3. Bachelor's degree programme in Business Informatics (BWI)

B.3.1. Creditable academic achievements according to PO 2017

Table9 : Creditable academic achievements according to PO 2017 (BWI)

Credits according to PO 2017			Credits according to PO 2024		
Course	Module17	CP	Course	Module 24	CP
Algorithmen & Datenstrukturen & Graphentheorie	BWI-2-INF-1	6	<i>siehe unten (gewichtete Leistung)</i>		
Ausgewählte Themen aus IT-Recht und Rechtsinformatik	BWI-5-ÜFK-1	3	Einführung in das IT-Recht	BWI-2024-4-ÜK-1	3
Business English	BWI-1-ÜFK-1	3	Business English for BIS	BWI-2024-1-ÜK-1	3
Datenbanken	BWI-3-INF-1	6	Datenbanken	BWI-2024-3-INF-2	6
E-Business	BWI-5-BWL-1	6	1 x WPF		6
Einführung in das IT-Recht	BWI-4-ÜFK-1	3	Einführung in das IT-Recht	BWI-2024-4-ÜK-1	3
Einführung in die Analysis	BWI-2-MAT-1	6	Analysis	BWI-2024-2-MAT-1	6
Einführung in die Betriebswirtschaftslehre	BWI-1-BWL-1	6	Einführung in die Betriebswirtschaftslehre	BWI-2024-1-BWL-1	6
Einführung in die Programmierung	BWI-1-INF-1	9	Programmierung 1	BWI-2024-1-INF-1	9
Einführung in die Wirtschaftsinformatik	BWI-1-WIN-1	6	Einführung in die Wirtschaftsinformatik	BWI-2024-1-WIN-1	6
Einführung in Diskrete Mathematik und Lineare Algebra	BWI-1-MAT-1	6	Mathematische Grundlagen und Lineare Algebra	BWI-2024-1-MAT-1	6
Grundlagen von Wahrscheinlichkeitstheorie und Statistik	BWI-3-MAT-1	6	Wahrscheinlichkeitstheorie und Statistik	BWI-2024-3-MAT-1	6
Informationsmanagement	BWI-3-WIN-1	6	Einführung in das Management der Informationssicherheit	BWI-2024-2-WIN-2	6
IT-Servicemanagement	BWI-5-WIN-2	6	IT-Servicemanagement	BWI-2024-4-WIN-2	6
Kosten- und Leistungsrechnung / Controlling	BWI-2-BWL-1	6	Kosten- und Leistungsrechnung / Controlling	BWI-2024-2-BWL-1	6
Modellierung und Einführung betrieblicher Informations- und Kommunikationssysteme	BWI-2-WIN-1	6	Modellierung betrieblicher Informationssysteme	BWI-2024-2-WIN-1	6
Praxisprojekt	BWI-6-PRJ-1	12	Praxisprojekt	BWI-2024-6-PRJ-1	12
BWI Thesis	BWI-6-THS-1	12	BWI Thesis	BWI-2024-6-THS-1	12
BWI Kolloquium	BWI-6-THS-2	3	BWI Kolloquium	BWI-2024-6-THS-2	3
Programmierung 2	BWI-2-INF-2	6	<i>siehe unten (gewichtete Leistung)</i>		
Software Engineering 1	BWI-3-INF-2	6	Software Engineering 1	BWI-2024-3-INF-1	6

Software Engineering 2	BWI-4-INF-1	6	1 x WPF		6
Unternehmensplanspiel	BWI-4-BWL-1	3	Unternehmensplanspiel	BWI-2024-4-BWL-1	3
Wirtschaftsinformatik-Projekt	BWI-5-WIN-1	6	Wirtschaftsinformatik-Projekt	BWI-2024-5-WIN-1	6

Failed attempts from courses in thisTable9 will be transferred when switching from PO 2017 to PO 2024.

B.3.2. Additional courses to be taken from PO 2024

Table10 : Courses to be taken additionally from PO 2024 (BWI)

To be taken additionally:		
Finanzierung und Investitionsrechnung (if not enrolled in SPEZ)	BWI-2024-3-BWL-1	6
Künstliche Intelligenz und Maschinelles Lernen	BWI-2024-4-WIN-1	6
BWI seminar must be retaken if no suitable module is available from old SPEZ (regarding BI Schwerpunkt)	BWI-2024-5-WIA-1	6

B.3.3. Creditable academic achievements in specialisations according to PO 2017

Table11 : Proportionate creditable academic achievements in specialisations according to PO 2017 (BWI)

PO 2017	PO 2024
BWI-4-SPZ-1/2	BWI-2024-3-CIS-1 BWI-2024-4-CDA-1 BWI-2024-4-CED-1 BWI-2024-5-WPC-1/2/3
BWI-5-SPZ-1/2	BWI-2024-3-CIS-1 BWI-2024-4-CDA-1 BWI-2024-4-CED-1 BWI-2024-5-WPC-1/2/3
BI-4-SPZ-1/2	BWI-2024-3-CIS-1 BWI-2024-4-CDA-1 BWI-2024-4-CED-1 BWI-2024-5-WPC-1/2/3
BI-5-SPZ-1/2	BWI-2024-3-CIS-1 BWI-2024-4-CDA-1 BWI-2024-4-CED-1 BWI-2024-5-WPC-1/2/3
Seminar from specialisation Data Science, Integrated Information and Communication Systems or IT Controlling (BWI-4-SPZ-1/2; BWI-5-SPZ-1/2)	BWI-2024-5-WIA-1
BWI-3-WPF-1	BWI-2024-5-WPC-1/2/3
BWI-4-WPF-1	BWI-2024-5-WPC-1/2/3

Explanations: Passed modules from SPEZ PO 2017 will be matched to the clusters according to PO 2024. If fewer than three modules have been passed in the specialisation, the best possible match to the clusters will be made. If a student has chosen a SPEZ from BI and passed all four modules, an additional WPF will be recognised. Seminars from a SPEZ BWI will be matched to the seminar. Students from a SPEZ BI must retake the seminar in PO 2024. Passed WPF PO17 will be matched to WPF PO24. Failed attempts from courses in thisTable// will be transferred when changing from PO 2017 to PO 2024.

B.3.4. Proportionally creditable academic achievements according to PO 2017

Table12 : Proportionately creditable academic achievements according to PO 2017 (BWI)

Weighted credits according to PO 2017	Credits according to PO 2024	Failed attempts
1/3 BWI-2-INF-2 (Algorithmen & Datenstrukturen & Graphentheorie (6 CP)) + 2/3 BWI-2-INF-1 (Programming 2 (6 CP))	BWI-2024-2-INF-1 (Programmierung, Algorithmen und Datenstrukturen (9 CP))	Failed attempts at partial achievements from PO 2017 are not taken into account when switching to PO 2024.

B.4. Bachelor's programme in Cyber Security & Privacy (BCSP)

B.4.1. Creditable academic achievements according to PO 2017

Table13 : Creditable academic achievements according to PO 2017 (BCSP)

Performance according to PO 2017			Performance according to PO 2024		
Course	Module17	CP	Course	Module 24	CP
Algorithmen & Datenstrukturen & Graphentheorie	BCSP-2-PSE-2	6	Algorithmen & Datenstrukturen & Graphentheorie	BCSP-2024-3-THI-1	6
Algorithmische Komplexität	BCSP-4-MTI-1	6	Algorithmische Komplexität	BCSP-2024-4-THI-1	6
Angewandte Kryptographie 1	BCSP-2-SPZ-1	6	Angewandte Kryptographie 1	BCSP-2024-3-SPZ-2	6
Angewandte Kryptographie 2	BCSP-4-SPZ-1	6	Angewandte Kryptographie 2	BCSP-2024-4-SPZ-1/2 BCSP-2024-5-SPZ-1/2/3 BCSP-2024-4-WPF-1 BCSP-2024-5-WPF-1	6
Betriebssysteme	BCSP-3-VRS-1	6	Betriebssysteme	BCSP-2024-5-SPZ-1/2/3	6
Datenbanken	BCSP-3-PSE-1	6	Datenbanken	BCSP-2024-2-PI-1	6
Datenschutz, IT-Recht und Privatheit	BCSP-1-SPZ-1	6	Datenschutz, IT-Recht und Privatheit	BCSP-2024-1-SPZ-2	6
Digitale Forensik	BCSP-5-SPZ-2	6	Digitale Forensik	BCSP-2024-4-SPZ-1/2 BCSP-2024-5-SPZ-1/2/3 BCSP-2024-4-WPF-1 BCSP-2024-5-WPF-1	6
Einführung in die Programmierung	BCSP-1-PSE-1	9	Programmierung 1	BCSP-2024-1-PSE-1	9
Einführung in Diskrete Mathematik und Lineare Algebra	BCSP-1-MTI-1	6	Algebraische Strukturen	BCSP-2024-1-MAT-1	6
Ethik	BCSP-5-ÜFK-1	3	Ethik	BCSP-2024-5-ÜK-1	3
Grundlagen Netzwerk- und Betriebssystemsicherheit	BCSP-3-SPZ-1	6	Grundlagen Netzwerk- und Betriebssystemsicherheit	BCSP-2024-3-SPZ-1	6

Grundlagen von Wahrscheinlichkeitstheorie und Statistik	BCSP-3-MTI-1	6	Wahrscheinlichkeitstheorie und Statistik	BCSP-2024-3-MAT-1	6
Identitätsmanagement und PKI	BCSP-5-SPZ-3	6	Identitätsmanagement und PKI	BCSP-2024-4-SPZ-1/2 BCSP-2024-5-SPZ-1/2/3 BCSP-2024-4-WPF-1 BCSP-2024-5-WPF-1	6
Informationssicherheit	BCSP-1-SPZ-2	3	Informationssicherheit	BCSP-2024-1-SPZ-1	3
Literatur-Seminar	BCSP-5-WIA-1	3	Literatur-Seminar	BCSP-2024-5-WAP-1	3
Logische Grundlagen für die Informatik	BCSP-1-MTI-2	3	kein entsprechendes Modul	na	
Management der Informationssicherheit	BCSP-5-SPZ-1	6	Einführung in das Management der Informationssicherheit	BCSP-2024-2-SPZ-1	6
Netze	BCSP-2-VRS-1	6	Netze	BCSP-2024-1-TIN-1	6
Netzwerksicherheit (Mobile Sicherheit)	BCSP-4-SPZ-2	6	Netzwerksicherheit	BCSP-2024-4-SPZ-1/2 BCSP-2024-5-SPZ-1/2/3 BCSP-2024-4-WPF-1 BCSP-2024-5-WPF-1	6
Operating Systems (Betriebssysteme)	BCSP-3-VRS-1	6	s. o.: Betriebssysteme		
Praxisprojekt	BCSP-6-PRJ-1	12	Praxisprojekt	BCSP-2024-6-PRJ-1	6
BCSP Thesis	BCSP-6-THS-1	12	BCSP Thesis	BCSP-2024-6-THS-1	12
BCSP Kolloquium	BCSP-6-THS-2	3	BCSP Kolloquium	BCSP-2024-6-THS-2	3
Programmierung 2	BCSP-2-PSE-1	6	siehe Mapping	na	
Systemnahe Programmierung / Programmierung in C	BCSP-2-VRS-3	3	siehe Mapping	na	
Projekt-Seminar	BCSP-3-WIA-1	3	CSP-Projekt	BCSP-2024-3-WAP-1	3
Sicherheit von Webanwendungen	BCSP-4-SPZ-3	6	Sicherheit von Webanwendungen	BCSP-2024-4-SPZ-1/2 BCSP-2024-5-SPZ-1/2/3 BCSP-2024-4-WPF-1 BCSP-2024-5-WPF-1	6

Software Engineering 1	BCSP-3-PSE-2	6	kein Modul (ggf. als Wahlpflichtmodul) Trotz 3. Semester vormals?)	na	
------------------------	--------------	---	--	----	--

Failed attempts from courses in thisTable/3 will be transferred when switching from PO 2017 to PO 2024.

Table14 : Illustration WPF (BCSP)

Specification of WPF illustration	PO 2017	PO
	BCSP-4-WPF-1 BCSP-5-WPF-1	BCSP-2024-4-WPF-1 BCSP-2024-5-WPF-1

Failed attempts from courses in thisTable/4 will be transferred when switching from PO 2017 to PO 2024.

B.4.2. Proportionally creditable academic achievements according to PO 2017

Table15 : Proportionally creditable academic achievements according to PO 2017 (BCSP)

Weighted credits according to PO 2017	Credits according to PO 2024	Failed attempts
1/2 BCSP-2-PSE-1 (Programmierung 2 (6 CP, P)) + 1/2 BCSP-2-VRS-3 (Systemnahe Programmierung (3 CP, LN))	BCSP-2024-2-TIN-1 (Systemnahe Programmierung (6 CP)); if grade for LN available, otherwise new	Failed attempts at partial performances from PO 2017 are not taken into account when switching to PO 2024

B.4.3. Additional courses to be taken from PO 2024

Table16 : Additional courses to be taken from PO 2024 (BCSP)

To be taken additionally:		
Künstliche Intelligenz und Maschinelles Lernen	BCSP-2024-4-PI-1	6
Lineare Algebra und Analysis	BCSP-2024-2-MAT-1	6

B.5. Master's programme in Computer Science (MI)

B.5.1. Creditable coursework according to PO 2017

Table17 : Credits according to PO 2017 (MI)

Credits according to PO 2017			Credits according to PO 2024		
Course	Module17	CP	Course	Module 24	CP
MI Project	MI-3-PRJ-1	12	MI Project	MI-2024-3-PRJ-1	12
MI Seminar	MI-3-WIA-1	6	MI Seminar	MI-2024-3-WIA-1	6
MI Thesis	MI-4-THS-1	27	MI Thesis	MI-2024-4-THS-1	24
MI Colloquium	MI-4-THS-2	3	MI Colloquium	MI-2024-4-THS-2	6
MI Elective/Specialisation	MI-1-WPS-1/2/3/4	6	MI Elective/Specialisation	MI-2024-1-WPS-1/2/3/4	6
MI Elective/Specialisation	MI-2-WPS-1/2/3/4	6	MI Elective/Specialisation	MI-2024-2-WPS-1/2/3/4	6
MI Elective/Specialisation	MI-3-WPS-1	6	MI Elective/Specialisation	MI-2024-3-WPS-1	6
MI Elective Fundamentals	MI-1-WPG-1	6	MI Elective Fundamentals	MI-2024-1-WPG-1	6
MI Elective Fundamentals	MI-2-WPG-1	6	MI Elective Fundamentals	MI-2024-2-WPG-1	6
MI Elective External	MI-3-WPX-1	6	MI Elective external	MI-2024-3-WPX-1	6

Failed attempts from courses in thisTable17 will be transferred when switching from PO 2017 to PO 2024.

B.6. Master's programme in Autonomous Systems (MAS)

B.6.1. Creditable academic achievements according to PO 2017

Table18 : Credits according to PO 2017 (MAS)

Credits according to PO 2017			Credits according to PO 2024		
Course	Module17	CP	Course	Module 24	CP
Advanced Scientific Working	MAS-2-ARW-1	3	Planning, Writing, and Presenting Scientific Projects	MAS-2024-2-ARW-1	6
Advanced Software Technology	MAS-1-CMP-3	6	Software Engineering for Robotics	MAS-2024-1-CMP-1	6
Artificial Intelligence	MAS-1-CMP-2	6	Fundamentals of Artificial Intelligence for Robotics	MAS-2024-1-CMP-2	6
Artificial Intelligence for Robotics	MAS-1-CMP-2	6	<i>na</i>	<i>na</i>	<i>na</i>
Autonomous Mobile Robots	MAS-1-CMP-4	6	Autonomous Mobile Robots	MAS-2024-1-CMP-3	6
Introduction to Scientific Working	MAS-1-ARW-1	6	Introduction to Scientific Work	MAS-2024-1-ARW-1	6
Mathematics for Robotics and Control	MAS-1-CMP-1	6	Mathematics for Robotics	MAS-2024-1-CMP-4	6
Research and Development Colloquium	MAS-4-RND-1	3	<i>not applicable</i>		
Research and Development Project	MAS-3-RND-1	15	Research and Development Project	MAS-2024-3-RND-1	15
Scientific experimentation and evaluation	MAS-2-LAB-2	3	Scientific Experimentation and Evaluation	MAS-2024-2-LAB-2	3
MAS Thesis	MAS-4-THS-1	2	MAS Thesis	MAS-2024-4-THS-1	24
MAS Colloquium	MAS-4-THS-2	3	MAS Colloquium	MAS-2024-4-THS-2	6
Software Development Project	MAS-2-LAB-1	6	Autonomous Systems Development Lab	MAS-2024-2-LAB-1	6

Failed attempts from courses in thisTable18 will be transferred when switching from PO 2017 to PO 2024.

B.6.2. Proportionally creditable academic achievements according to PO 2017

Table19 : Proportionally creditable academic achievements according to PO 2017 (MAS)

Weighted credits according to PO 2017	Credits according to PO 2024	Failed attempts
MAS-2-ARW-1 + MAS-4-RND-1	MAS-2024-2-ARW-1 (then average grade)	Failed attempts at partial performances from PO 2017 are not taken into account when switching to PO 2024.

B.7. Master's programme Master Game Technologies (MGT)

B.7.1. Creditable academic achievements according to PO 2017

Table20 : Creditable academic achievements according to PO 2017 (MGT)

Credits according to PO 2017			Performance according to PO 2024		
Course	Module	CP	Course	Module 24	CP
Computer Vision	MVG-1-VCG-2	6	<i>entfällt; ggf. MGT Elective</i>	<i>na</i>	<i>na</i>
Digital Storytelling	MVG-2/3-WPF-1	6	Digital Storytelling	MGT-2024-1-GT-2	6
Fortgeschrittene Computergrafik / Advanced Computer Graphics	MVG-2-VCG-1	6	Advanced Computer Graphics	MGT-2024-2-GT-1	6
Games: Advanced User Interfaces	MVG-1-VCG-3	6	Advanced User Interfaces	MGT-2024-1-GT-3	6
Games: Spielerleben & Nutzeranalyse	MVG-2-VCG-2	6	Game Technologies Prototyping	MGT-2024-2-GT-2	6
Informatik-Grundlagen für Visual Computing	MVG-1-INF-1	6	<i>entfällt</i>	<i>na</i>	<i>na</i>
Interdisziplinäre Anwendungen von Visual Computing	MVG-3-IDA-1	6	Creating Innovations	MGT-2024-3-SWP-1	6
MVG Projektphase 1	MVG-1-PRJ-1	6	Project 1	MGT-2024-1-PRJ-1	6
MVG Projektphase 2	MVG-2-PRJ-1	12	Project 2	MGT-2024-2-PRJ-1	12
MVG Projektphase 3 Evaluation	MVG-3-PRJ-1	6	Project 3	MGT-2024-3-PRJ-1	6
MVG Seminar	MVG-3-WIA-2	6	MGT Seminar	MGT-2024-3-SWP-2	6
MVG Thesis	MVG-4-THS-1	24	MGT Thesis	MGT-2024-4-THS-1	24
MVG Kolloquium	MVG-4-THS-2	6	MGT Colloquium	MGT-2024-4-THS-2	6
Scientific Writing	MVG-3-WIA-1	6	Introduction to Scientific Work	MGT-2024-1-SWP-1	6
Wissenschaftliche Visualisierung	MVG-1-VCG-1	6	Visualization	MGT-2024-1-GT-1	6

Failed attempts from courses in theTable20 will be transferred when switching from PO 2017 to PO 2024.