

Transitional regulations

Computer Engineering Bachelor v3/v3b → v4

Computer Engineering Master v4 → v5

Date: 03.09.2024





General information

Following the successful reaccreditation of the Bachelor studies Computer Engineering v4 und the Master studies Computer Engineering v4 on 01.10.2024, it will be possible to switch from the old CEBA v3/v3b or CEMA v3 study version to the new study version

Some general information is given below and the crediting table is shown in the appendix.

Please note the following:

- If you change the study version, the modules you have already attempted will be transferred.
- It is recommended that you seek advice from the ET Student Advisory Service¹ in advance.
- The new examination regulations, consisting of the General and Special Provisions, can also be found on the pages of the ET Student Advisory Service².
- In the event of ambiguities or cases not shown, there is the possibility of a case-by-case decision via the Chair of the Examination Board.
- A change to the new version of the examination regulations is irrevocable.

Important information on the expiry regulations for computer science modules

Please note the information provided by the Department of Computer Science³ regarding the expiry regulations for Computer Science modules starting with M.079.xxxxx.

If you have any questions regarding these expiry regulations, please contact the Computer Science Study Service⁴.

Modalities of the change / expiry regulations

The change to the new examination regulations can be made at any time with effect from 01.04. / 01.10. The change is declared informally to the Central Examination Office. It is planned that this will also be possible in future via the application area in your PAUL account.

Expiry regulations CEBA v3/v3b according to §44 AM 37.24

Students who do not change to these Special Provisions may take their Bachelor's examination, including repeat examinations, for the last time in the summer semester 2028 in accordance with the old version of the examination regulations. Thereafter, the Bachelor's examination, including repeat examinations, will be taken in accordance with the new Special Provisions.

¹ <https://ei.uni-paderborn.de/en/studium/beratung-und-unterstuetzung/student-advisory-service>

² <https://ei.uni-paderborn.de/en/studies/formalities/examination-regulations-and-module-manuals>

³ <https://cs.uni-paderborn.de/en/studies/study-news-single/new-examination-regulations-from-winter-semester-2024-2025>

⁴ <https://cs.uni-paderborn.de/en/studies/study-service>



Expiry regulations CEMA v3 according to §44 AM 38.24

Students who do not change to these Special Provisions may take their Master's examination, including repeat examinations, for the last time in the winter semester 2026/27 in accordance with the old version of the examination regulations. Thereafter, the Master's examination, including repeat examinations, will be taken in accordance with the new Special Provisions.

Appendix – Crediting Table



Computer Engineering Bachelor v3 / v3b

Module	Name	CP	Module	Name	CP
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M.105.9502	Höhere Mathematik I (CE)	16	M.105.9502	Höhere Mathematik I (CE)	16
M.105.9532	Höhere Mathematik II (CE)	8	on request	Wahlpflichtbereich Elektrotechnik (Modul 1 / 2)	6
M.048.40704	Stochastik	5	M.048.10704	Stochastik für Ingenieure	5
M.048.10101	Grundlagen der Elektrotechnik A	8	M.048.10101	Grundlagen der Elektrotechnik A	8
M.048.10102	Grundlagen der Elektrotechnik B	8	M.048.10102	Grundlagen der Elektrotechnik B	8
M.048.40402	Halbleitertechnik	5	M.048.40002	Halbleiterbauelemente für Computer Engineering	5
M.048.41007	Schaltungstechnik	5	M.048.40001	Grundlagen des VLSI-Entwurfs	5
M.048.40814	Praktikum Mikrocontroller-Elektronik	6	M.048.40814	Praktikum Mikrocontroller-Elektronik	6
M.048.10701	Signaltheorie	5	M.048.10701	Signaltheorie	5
M.048.10702	Systemtheorie	5	M.048.10702	Systemtheorie	5
M.079.01201	Programmierung	8	M.079.01501	Programmierung 1	8
			M.079.01502	Programmierung 2	8
M.079.01202	Modellierung	8	M.079.01506	Modellierung	6
M.079.01203	Algorithmen	8	M.079.01507	Datenstrukturen und Algorithmen	8
M.079.01204	Digitaltechnik	5	M.079.01511	Digitaltechnik	6
M.079.01205	Rechnerarchitektur	5	M.079.01512	Rechnerarchitektur	6
M.079.01206	Systemsoftware	8	M.079.01514	Betriebssysteme	6

1st study phase

2nd study phase

M.048.10901	Nachrichtentechnik	5	M.048.10951	Signal- und Informationsübertragung	5
M.079.01206	Systemsoftware	8	M.079.1323	Rechnernetze	5
			M.079.1422	Einführung in Data Science	5



Module	Name	CP	Module	Name	CP
M.079.01207	Software- und Systementwurf	12	-->	M.079.01291 Systementwurf-Teamprojekt	
	<i>L.079.02830 Systementwurfs-Teamprojekt</i>	7		<i>L.048.02831 Systementwurf-Teamprojekt</i>	6
	<i>L.079.02840 Projektmanagement</i>	1	on request	Zusatzleistungen	
	<i>L.079.12020 Software Engineering</i>	4	on request	<i>WPB Informatik - Andere Bereiche: Modul 1</i>	
	<u>Wahlpflichtbereich Elektrotechnik</u>			<u>Wahlpflichtbereich Elektrotechnik</u>	
	<i>Modul 1</i>	6	-->	<i>Modul 1</i>	6
	<i>Modul 2</i>	6	-->	<i>Modul 2</i>	6
	<u>Wahlpflichtbereich Informatik</u>			<u>Wahlpflichtbereich Informatik</u>	
	Computer Systeme			Computer Systeme	
	<i>Modul 1</i>	6	-->	<i>Modul 1</i>	6
	Andere Bereiche			Andere Bereiche	
	<i>Modul 1</i>	6	-->	<i>Modul 1</i>	6
2nd study phase (CEBA v3) / Other study phase (CEBA v3b)					
M.079.01208	Recht und Gesellschaft	5	-->	M.079.01292 Gesellschaft und Informationstechnik	5
M.079.01209	Soft Skills			M.079.01518 Proseminar	
	<i>L.079.22160 Proseminar</i>	6	-->	<i>L.079.25300 Proseminar</i>	4
	<i>L.079.90140 Mentorenprogramm</i>		on request	Zusatzleistungen	
	<i>L.079.90150 Sprachen, Schreib- und Präsentationstechnik</i>		on request	Zusatzleistungen	
A.048.16001	Bachelorarbeit Computer Engineering	15	-->	A.048.16002 Abschlussarbeit	15
	Zusatzmodule		-->	Zusatzleistungen	
	Mastervorleistungen		-->	Mastervorleistungen	
	Sprachkurse ZfS (extracurricular)		-->	Sprachkurse ZfS (extracurricular)	

Failed attempts are taken into account when the PO version is changed

Individual case studies are possible via the PAV!



Computer Engineering Master v3

Module	Name	CP	Module	Name	CP
M.079.01251	Pflichtmodul Informatik I	6	--> M.079.4096	Advanced Networked Systems	6
M.079.01252	Pflichtmodul Informatik II	6	--> M.079.4005	Advanced Computer Architecture	6
M.048.45001	Pflichtmodul Elektrotechnik I	6	--> M.048.210XX	Statistische Signale	6
M.048.45002	Pflichtmodul Elektrotechnik II	6	--> M.048.90107	Analysis and Design of Electronic Circuits	6
M.079.01254	Projektgruppe	18	--> M.079.01290	Projektgruppe	18
M.048.42941	Wissenschaftliches Arbeiten	6	--> M.048.42941	Wissenschaftliches Arbeiten	6

Wahlpflichtbereich (4 Module aus einem VG)

Vertiefungsgebiet Communication and Networks	0-24	-->
Vertiefungsgebiet Computer Systems	0-24	-->
Vertiefungsgebiet Control and Automation	0-24	-->
Vertiefungsgebiet Embedded Systems	0-24	-->
Vertiefungsgebiet Nano/Microelectronics	0-24	-->
Vertiefungsgebiet Signal Processing	0-24	-->

Wahlmodule

Modul 1

Modul 2

Modul 3

A.048.17002 Abschlussarbeit

Zusatzmodule

Einschreibungsauflagen

Sprachkurse ZfS (extracurricular)

Computer Engineering Master v4

Module	Name	CP	Module	Name	CP
M.079.01251	Pflichtmodul Informatik I	6	--> M.079.4096	Advanced Networked Systems	6
M.079.01252	Pflichtmodul Informatik II	6	--> M.079.4005	Advanced Computer Architecture	6
M.048.45001	Pflichtmodul Elektrotechnik I	6	--> M.048.210XX	Statistische Signale	6
M.048.45002	Pflichtmodul Elektrotechnik II	6	--> M.048.90107	Analysis and Design of Electronic Circuits	6
M.079.01254	Projektgruppe	18	--> M.079.01290	Projektgruppe	18
M.048.42941	Wissenschaftliches Arbeiten	6	--> M.048.42941	Wissenschaftliches Arbeiten	6

Wahlpflichtbereich (4 Module aus einem VG)

Vertiefungsgebiet Communication and Networks	0-24	-->
Vertiefungsgebiet Computer Systems	0-24	-->
Vertiefungsgebiet Control and Automation	0-24	-->
Vertiefungsgebiet Embedded Systems	0-24	-->
Vertiefungsgebiet Nano/Microelectronics	0-24	-->
Vertiefungsgebiet Signal Processing	0-24	-->

allgemeiner Wahlbereich (3 Module)

Wahlmodule Elektrotechnik / Informatik

Abschlussarbeit

Zusatzleistungen

Einschreibungsauflagen

Sprachkurse ZfS (extracurricular)



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is changed

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