# Studienplan Bac. Elektro- und Informationstechnik (ab WS 2022/23, alte SPO)

Stand: 20.06.2022

| Modul | CP | SWS | Semester: alle Vertiefungsrichtungen 1 | | 2 | | 3 | | 4 | | 5 Prax. | | Vertiefung ENT 6 | | 7 | | Vertiefung AUT 6 | | 7 | | Vertiefung IKT 6 | | 7 | | Vertiefung CPS 6 | | 7 | |
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| | | | CP | SWS | CP | SWS | CP | SWS | CP | SWS | CP | SWS | CP | SWS | CP | SWS | CP | SWS | CP | SWS | CP | SWS | CP | SWS | CP | SWS | CP | SWS |
| **Studienabschnitt 1** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Elektrotechnik 1 | **9** | 8 | **9** | 8 | | | | | | | | | | | | | | | | | | | | | | | | |
| Elektrotechnik 2 | **9** | 8 | | | **9** | 8 | | | | | | | | | | | | | | | | | | | | | | |
| Englisch | **3** | 2 | **3** | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Informatik 1 | **10** | 10 | **5** | 4 | **5** | 6 | | | | | | | | | | | | | | | | | | | | | | |
| Konstruktion | **3** | 2 | | | **3** | 2 | | | | | | | | | | | | | | | | | | | | | | |
| Mathematik 1 | **8** | 8 | **8** | 8 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mathematik 2 | **7** | 8 | | | **7** | 8 | | | | | | | | | | | | | | | | | | | | | | |
| Physik | **9** | 8 | **4** | 4 | **5** | 4 | | | | | | | | | | | | | | | | | | | | | | |
| Werkstofftechnik | **3** | 2 | **3** | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
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| **Studienabschnitt 2** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Angewandte Systemtechnik | **7** | 6 | | | | | **7** | 6 | | | | | | | | | | | | | | | | | | | | |
| Digitaltechnik | **7** | 6 | | | | | **7** | 6 | | | | | | | | | | | | | | | | | | | | |
| Elektrische Messtechnik | **5** | 4 | | | | | | | **5** | 4 | | | | | | | | | | | | | | | | | | |
| El. Bauelemente u. Schaltungstechnik | **9** | 8 | | | | | **4** | 4 | **5** | 4 | | | | | | | | | | | | | | | | | | |
| Elektrotechnik 3 | **5** | 4 | | | | | **5** | 4 | | | | | | | | | | | | | | | | | | | | |
| Embedded Systems | **7** | 6 | | | | | | | **7** | 6 | | | | | | | | | | | | | | | | | | |
| Informatik 2 | **5** | 6 | | | | | **5** | 6 | | | | | | | | | | | | | | | | | | | | |
| Regelungstechnik | **7** | 6 | | | | | | | **7** | 6 | | | | | | | | | | | | | | | | | | |
| Computernetzwerke | **5** | 4 | | | | | **5** | 4 | | | | | | | | | | | | | | | | | | | | |
| Digitale Signalverarbeitung | **7** | 6 | | | | | | | **7** | 6 | | | | | | | | | | | | | | | | | | |
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| **alle Vertiefungsrichtungen** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Praxisphase | **22** | -- | | | | | | | | | **22** | | | | | | | | | | | | | | | | | |
| Praxisseminar | **--** | 2 | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Praxisbegleitende LV: BWL und Projektmanagement | **5** | **4** | | | | | | | | | **5** | 4 | | | | | | | | | | | | | | | | |
| Studiengangspez. Projekt | **5** | **--** | | | | | | | | | | | **5** | | | | **5** | | | | **5** | | | | **5** | | | |
| Studiengangspez. Wahlpflichtmodule | **10** | 8 | | | | | | | | | | | **5** | 4 | **5** | 4 | **5** | 4 | **5** | 4 | **5** | 4 | **5** | 4 | **5** | 4 | **5** | 4 |
| Bachelorarbeit | **12** | **--** | | | | | | | | | | | | | **12** | | | | **12** | | | | **12** | | | | **12** | |
| Bachelorseminar | **3** | 2 | | | | | | | | | | | | | **3** | 2 | | | **3** | 2 | | | **3** | 2 | | | **3** | 2 |
| Gesprächsführung u. Vortragstechnik | **3** | 2 | | | | | | | | | | | | | **3** | 2 | | | **3** | 2 | | | **3** | 2 | | | **3** | 2 |
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| **Vertiefungsrichtung ENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wahlpflichtmodule aus FW-Modulkatalog | **25** | 20 | | | | | | | | | | | **20** | 16 | **5** | 4 | | | | | | | | | | | | |
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| **Vertiefungsrichtung AUT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wahlpflichtmodule aus FW-Modulkatalog | **25** | 20 | | | | | | | | | | | | | | | **20** | 16 | **5** | 4 | | | | | | | | |
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| **Vertiefungsrichtung IKT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wahlpflichtmodule aus FW-Modulkatalog | **25** | 20 | | | | | | | | | | | | | | | | | | | 20 | 16 | **5** | 4 | | | | |
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| **Vertiefungsrichtung CPS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wahlpflichtmodule aus FW-Modulkatalog | **25** | 20 | | | | | | | | | | | | | | | | | | | | | | | 20 | 16 | **5** | 4 |
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| **Summen** | **210** | **150** | **32** | 28 | **29** | 28 | **33** | 30 | **31** | 26 | **27** | 6 | **30** | 20 | **28** | 12 | **30** | 20 | **28** | 12 | **30** | 20 | **28** | 12 | **30** | 20 | **28** | 12 |