

## PROFIPLUS@HHN – STUDY TO STAY

Are you thinking about continuing your studies or starting a career in Germany?

ProfiPlus@HHN is a qualification programme that offers international academics a proven qualification for further study in a Master's programme at Heilbronn University (HHN) or for starting a career in Germany.

### Application Deadline

- 15<sup>th</sup> April for the following winter semester (starting in September 2025)
- 15<sup>th</sup> November for the following summer semester (starting in March 2026)

### Admission Requirements

- Bachelor Degree in Engineering or Computer sciences
- German level A2 (Achievement of B1 in one semester)
- English level B2 (TOEFL minimum 550-paper, 213-computer based) or equivalent



### Course content

- Compulsory 10 ECTS in German language courses or intercultural courses in German (free of charge).
- At the end of ProfiPlus, participants are expected to have achieved 2 language proficiency levels (CERF).
- 10-20 ECTS subject related courses in Engineering or Computer Science, see attachment (will be acknowledged in a subsequent Master Programme).

### Duration and costs

- Duration: 1 semester, optional 2 semesters free of charge.
- Registration fee of 159€.

### After the programme

- Subsequent Master programme of 3 Semester @HHN acknowledges credits from ProfiPlus (may shorten the studying time).
- Subsequent Master programmes may be subject to tuition fees.
- Direct job placement possible if appropriate companies are found.

### Required documents:

- A copy of the certificate of the previous degree with a certified translation into German or English.
- A complete curriculum vitae in English or German.
- A copy of the proof of language skills in German and, if applicable, in English.
- A 1-2-page letter of motivation.

Please send your application to: [profiplus@hs-heilbronn.de](mailto:profiplus@hs-heilbronn.de)

For further information: <https://www.hs-heilbronn.de/profiplus>

03.02.2025



You can visit the following subject related courses in Engineering or Computer Science:

**Engineering Heilbronn (selected)**

Course name	WS	SS
Computer and Robot Vision	✓	
Exhaust (gas) treatment	✓	
Autonomous Systems: Architecture and Planning	✓	
Autonomous Systems – Path Planning and Control	✓	
Digital Signal Processing and Pattern Recognition	✓	
Heat Transmission	✓	
Product Strategy and Brand Management	✓	
Meeting Facilitation and Communication/Intercultural Management	✓	
Advanced Suspension Systems		✓
Industrial Processes in Materials Engineering		✓
Lightweight Car Body Engineering		✓
Autonomous Systems: Perception and Situation understanding		✓
Autonomous Systems: Deep Learning		✓
Optical Sensors		✓
Numerical Methods and Optimization	✓	✓
Design of Experiments	✓	✓
Selected topics in Mathematics 1 (self paced learning)	✓	✓

Explanation: WS=Winter Semester starting end of September. Applicants are encouraged to take an optional intensive German course (extra fee applies) from Sep 1<sup>st</sup>.  
SS=Summer (Spring) Semester starting Mid of March

03.02.2025

### Computer Science Heilbronn (selected)

Course name	WS	SS
Business Models für IT Innovation	✓	
Cloud Computing	✓	
Machine Learning	✓	
Advanced Software Achitecture	✓	
Advanced Approaches for AI-based Image Processing	✓	
Foundations in Human-Computer Interaction	✓	
Deep Learning	✓	
Intelligent Systems	✓	
Mixed Reality Lab	✓	
Scientific Writing	✓	
Foundations in Human-Computer Interaction	✓	
Usability Evaluation and Testing	✓	
Health Economics	✓	
Health Technology Assessment		✓
Digital Transformation - Case Studies		✓
Digital Transformation - Strategies and Technologies		✓
Management Methods/Leadership		✓
Advanced Statistics		✓
Cloud Computing		✓
DevOps and SecOps		✓
Educational Technologies		✓
Pattern recognition		✓
Change and Innovation Management		✓
Information Vizualisation		✓
Task Analysis and User Requirements Engineering		✓
Mixed Reality Lab		✓
Real Time 3D Engines		✓

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