Albstadt-Sigmaringen University
Faculty of Engineering

Industrial Artificial Intelligence (M.Sc.)
Campus Albstadt

General information
Student Office Albstadt
Jakobstraße 1 | 72458 Albstadt
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Questions regarding the program
Dean of study Prof. Dr. Lutz Sommer
E-Mail: sommer@hs-albsig.de

Online Information
www.hs-albsig.de/iai

Apply now and get started

Application deadlines
The application deadline for the summer semester is January 15 and July 15 for the winter semester.

Online application
www.hs-albsig.de/lsi

Questions regarding your application and admission
Student Office Sigmaringen
Tel.: +49 (0) 75 71 732 - 8224
E-Mail: studienbewerbung@hs-albsig.de

BELIEBTESTE HOCHSCHULE in Deutschland
Award 2025
StudyCheck

Ausgezeichnet mit dem Zertifikat „audit familiengerechte hochschule"
Hochschulregion Tübingen Hohenheim
Internationale Bodensee Hochschule



General information

Requirements	Above-average bachelor's degree in industrial engineering, engineering or similar fields
Deadlines	15th Januar / 15th July
Duration	3 semesters (90 ECTS)
Study abroad (optional)	Double degree Programme Semester abroad at over 30 partner and host universities worldwide
Degree	Master of Science Authorisation to do a doctorate Qualification for higher service

Why we're a good match

Individually and targeted

- The choice is yours! An optional second master's degree, a wide range of elective options and additional programmes make your profile unique.
- Flexible online study concepts in full-time or part-time, in line with our guiding principle: "Study successfully".
- Projects with renowned companies, lecturers from the business world - benefit from our practical relevance.
- Innovative study programmes - system-accredited.
- Modern learning infrastructure, personal atmosphere and family-friendly study conditions.
- Repeated top ratings for WIW study programmes in the CHE University Ranking and StudyCheck.de.

CHE Ranking
StudyCHECK.de

Study at Albstadt-Sigmaringen University

Versatile and personally

Choosing a university is not just a question of choosing the right degree program. If you are looking for an open-minded university where you feel welcome, then you have come to the right place.This university of applied sciences stands for application-oriented and practical studies, so that you can hit the ground running in your job afterwards

The university offers you

- Wide range of additional programmes (career planning seminars, job-related certificates, language courses, etc.)
- Interesting internship and career prospects in the regional economy

Hochschule Albstadt-Sigmaringen
Albstadt-Sigmaringen University

Faculty of Engineering

Industrial Artificial Intelligence
Master of Science



www.hs-albsig.de/iai

AI Engineers

link the relevant industrial business areas with artificial intelligence, recognise efficiency potential and implement the findings in practical projects with companies.

A characteristic feature is their interdisciplinary solution expertise.



SEMESTER	M. Sc. INDUSTRIAL ARTIFICIAL INTELLIGENCE			
1	INDUSTRIAL OPERATIONS AND TRANSFORMATION			
	Digital Technology and Management	Operational Excellence	Project - Industrial Operations and Transformation	WPM - Industrial Operations and Transformation*
2	ARTIFICIAL INTELLIGENCE AND DATA ENGINEERING			
	Artificial Intelligence	Data Science	Project - Artificial Intelligence and Data Engineering	WPM - Artificial Intelligence and Data Engineering*
3	MASTER THESIS			

Profession and Career

Success-oriented and attractive

Our graduates will have a wide range of career opportunities, some of which we cannot even fully assess today.

They will be responsible for integrating artificial intelligence into existing industrial systems or developing it for these systems themselves.

They carry out analyses and develop concepts for the introduction of AI technology and its application to increase costs and efficiency in industrial business areas.

In-depth knowledge, intercultural skills and a good command of English, combined with a second Master's degree from the renowned Guglielmo Marconi University will round off your profile and pave the way for a career in the higher service or an academic career up to and including a doctorate.

Internationality and practical relevance

Practical projects with companies

Workshops, case studies and lecturers from the business world provide you with an intensive insight into everyday business life during your studies. In two practical projects, you will also develop your own solutions to specific problems from business practice and deepen your contacts in the business world.

One degree programme - two qualifications

The cooperation with the Italian Guglielmo Marconi University enables you to obtain an optional second master's degree in a related field

- Master of Science Industrial Artificial Intelligence of Albstadt-Sigmaringen University
- Master of Guglielmo Marconi University / Italy

GUGLIELMO MARCONI UNIVERSITY
Università degli Studi Guglielmo Marconi

Study flexibly

The degree program consists of two semesters and the Master's thesis in the 3rd semester, e.g. written in a company.

Up-to-date lecturing concept

Face-to-face teaching, projects with companies and hybrid lectures give you the best possible impact for your study.

Full-time or part-time

Studying despite family commitments or work? An individual part-time agreement allows you to adapt your studies to your personal circumstances.

Excellent performance

- CHE ranking: top group regarding 'International Orientation'
- StudyCheck.de: 4.3 out of 5 stars overall in related study programmes

Programme content

A total of six compulsory and two compulsory elective modules must be completed in the two semesters.

Acquire comprehensive knowledge in AI-orientated Python programming, machine and deep learning as well as generative AI in industrial context. Learn how to identify potential for AI solutions and combine IT tools and management approaches to solve the complex strategic and operational challenges. The extensive range of options for specialization also allows you to set your own priorities in your studies.

Acquire additional professionally relevant certificates:

Lean Six Sigma Belts, SCRUM, Python, etc.

> Before everything else,
> getting ready is the secret of success.
>
> *Henry Ford (1863-1947)*