

SAP Engineering & Analytics

Hochschule Fresenius, Campus Heidelberg
Master of Science



Program Summary

Expand your expertise in data analysis and digital transformation

Have you earned your bachelor's degree in information technology, engineering, or business and are now eager to deepen your skills? If you wish to enhance your expertise in data analysis and digital transformation, then the SAP Engineering & Analytics (M.Sc.) master's program is the ideal choice for you. Developed in collaboration with the SAP University Alliance, this program provides you with the essential tools to succeed in today's technological landscape.

Key Facts

Program start: Winter semester

Duration: 4 semesters

Language: English

Study form: Full time

Tuition fee: 880,00€ monthly + 70,00€ per month (non-EU)

Registration fee: 595,00€

Application time: possible all year round

Graduation: Master of Science



Contact

Study advice team

Tel.: +49 221 650339 88

E-Mail: study@hs-fresenius.de

Curriculum

Curriculum

You will explore both the theoretical and practical aspects of the SAP system, focusing on various critical areas. You will learn to design, implement, and optimize solutions using the SAP technologies you acquire, while enhancing your skills in analytics and data management. The key topics in your extensive curriculum include:

- SAP Business Software and ERP Management
- Business Analytics and Intelligence
- Database Theory and Management with SAP HANA
- Software Development Principles and User Experience Design
- Web Development using JavaScript and SAP UI5
- Project and Product Management in Digital IT

Practical focus

Thanks to the collaboration with SAP, you will especially benefit from a strong emphasis on practical relevance. The program was designed in partnership with SAP to be practice-oriented, ensuring that relevant new SAP technologies and methodologies are integrated into the curriculum. Graduates will gain an agile mindset, a contemporary understanding of the market, and access to the latest research findings. This partnership also offers networking opportunities with SAP experts, workshops, projects, and guidance for final theses. You will acquire practical experience in SAP software projects while developing solutions within the SAP ecosystem. These practical skills are highly valued in both the German and international job markets.

Prospects

Career Prospects

As businesses increasingly depend on data-driven decisions and advanced digital expertise, your knowledge of SAP technology will be a significant asset. With a degree in SAP Engineering & Analytics (M.Sc.), you will have the opportunity to enter the dynamic job market. Whether you decide to pursue a career in Germany or abroad, the insights you gain from this program will create opportunities in specialized sectors, enabling you to make a meaningful impact in your chosen profession.

Here are some of the career options you can explore after completing the program:

- SAP Consultant
- Business Process Analyst
- Data Analyst (SAP)
- Enterprise Architect
- Software Engineer (SAP)
- IT Project Manager
- SAP Solution Architect
- Business Intelligence Consultant
- Digital Transformation Manager

Admission Requirements

Admission Requirements

To gain admission to the master's program SAP Engineering & Analytics (M.Sc.) at Hochschule Fresenius, you must meet the following requirements:

- You must have completed a bachelor's degree program with a minimum of 180 credit points as a subject-specific admission requirement.
- Your bachelor's degree must be in a relevant field, such as engineering, IT, or business. Applicants are required to have at least 30 credit points in business, information technology, and/or engineering modules. Any missing credit points can be compensated for by successfully completing a subject-related interview.
- You must provide proof that your English language skills are equivalent to Level B2 of the European Framework of Reference for Languages.

Wirtschaftswissenschaften