

# Bachelor of Science

**HOCHSCHULE MAINZ**  
UNIVERSITY OF  
APPLIED SCIENCES

## PROGRAM OBJECTIVES

Digitization and digitalization, artificial intelligence, autonomous vehicles, the internet of things, and virtual realities are influencing our life at present, and will change our lives in the near future in a fundamental way. Become part of these exciting developments and play an active role in shaping them. This degree program provides you with in-depth knowledge in all important areas of applied informatics – from programming to IT infrastructures – and also offers you the opportunity to put what you have learned into practice at companies or at the university during your studies.

## PROGRAM STRUCTURE

In the first three semesters you will learn the basics, which you will then go into in greater depth in the following semesters. To ensure that theory and practice are closely intertwined, you will complete two practical modules at companies or at the university. Your bachelor's thesis in the final semester marks the completion of your studies.

## PROSPECTS

Both companies and public institutions face major challenges when it comes to digitalization and the use of newer technologies. The Applied Informatics program offers you the best career opportunities and optimally prepares you for developing and implementing strategies for the efficient use of these technologies in the IT sector. Your future tasks include planning, development and management activities where technology and specialist departments intersect.

## AT A GLANCE

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### *When to start*

Winter semester

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### *Standard period of study*

6 semesters, full-time

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### *Requirements*

- For more information, go to [hs-mz.de/applying](https://hs-mz.de/applying)
  - Proficiency in German and English
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### *Stay abroad*

Optional, during the 5<sup>th</sup> semester

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### *Contact us*

[informatik@hs-mainz.de](mailto:informatik@hs-mainz.de)

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### *For more information*

Exchange students:

[hs-mainz.de/studium/services/wirtschaft/incoming/](https://hs-mainz.de/studium/services/wirtschaft/incoming/)

[hs-mainz.de/studium/services/technik/incoming/](https://hs-mainz.de/studium/services/technik/incoming/)

Degree-seeking students:

[kennenlernen.hs-mainz.de](https://kennenlernen.hs-mainz.de)

<https://hs-mz.de/applied-informatics>



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*“Nerds are a thing of the past – to me, informatics is a modern and exciting field of science. Professors and fellow students who are always willing to help make it fun to study applied informatics at our university.”*

Annika Ackermann, 5<sup>th</sup> semester



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