Master of Strategic Information Management (MSc)

Within 3 semesters, students of business informatics, business administration, industrial engineering or other courses with IT components expand their competencies in the areas of digital technologies and IT management. Special focus is on strategy and IT value proposition, digitalized business processes, management of (disruptive) technologies, agile organization, and digital leadership.

The courses are highly practice-oriented and provide the tools for a career in the vibrant field of IT management as well as for further academic qualification in the context of a doctorate.

- Small, international group
- Content geared to current challenges
- Highly committed professors with a lot of know-how
- Possibility of an integrated international semester in Portugal, Italy or Finland

Structure and contents

First semester

**Strategic Management** — how can a company be strategically positioned for success?

**Digital Process Management** — how can processes be optimized and automated with technologies such as RPA and Process Mining?

**Technology and Application Management** — how can an end-to-end IT management concept be developed and implemented to maximize business IT value?

**Enterprise Application Engineering** — how to design and develop future-proof distributed enterprise applications and their UX/UI? (practical project)

**Consulting** — how can companies and top management be supported in using the resource information and related technologies effectively and efficiently?

**Interpersonal Skills** — how can they efficiently design your way of working, interpersonal interactions and changes?
Second semester

**Business Value Creation by IT** — how can current technologies be orchestrated into new products, services or business models? (real-world project)

**Disruptive Technologies** — what are disruptive technologies today and in the future and how can they be identified, evaluated and managed?

**Strategic Information Management in Practice** — how can concrete challenges in IT management be addressed? (Excursion to multinational companies, case studies)

**Digital Leadership** — what constitutes successful leadership in the digital age? How can I become an outstanding leader?

**Electives** — Introduction to AI, Blockchain Application for Business, Digital Innovation in Industry and many more courses.

*Alternatively abroad*

Third semester

**Information Systems Research** — how do I generate reliable scientific findings and publish them?

**Academic Writing** — how do I communicate my (scientific) findings convincingly?

**Master Thesis** — challenging work at the interface between science and practice with the goal of publishing a condensate of the work at an international conference.

For detailed information, visit

[www.hnu.de/sim](http://www.hnu.de/sim)