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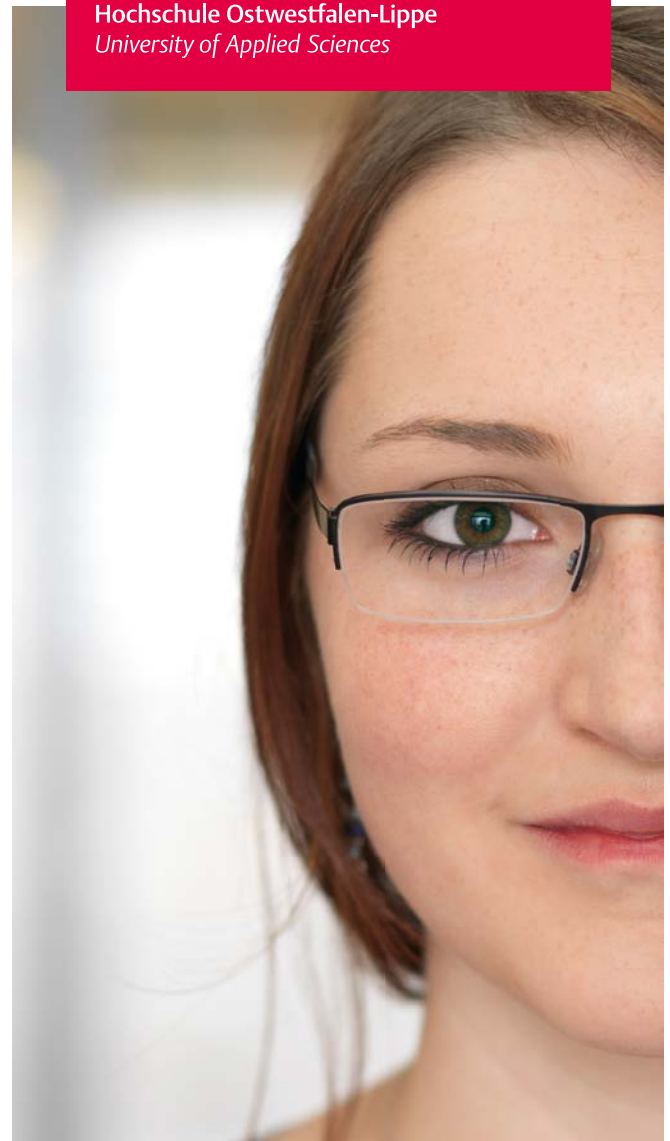
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# DEPARTMENT 5 Electrical Engineering and Computer Science

Hochschule Ostwestfalen-Lippe  
University of Applied Sciences



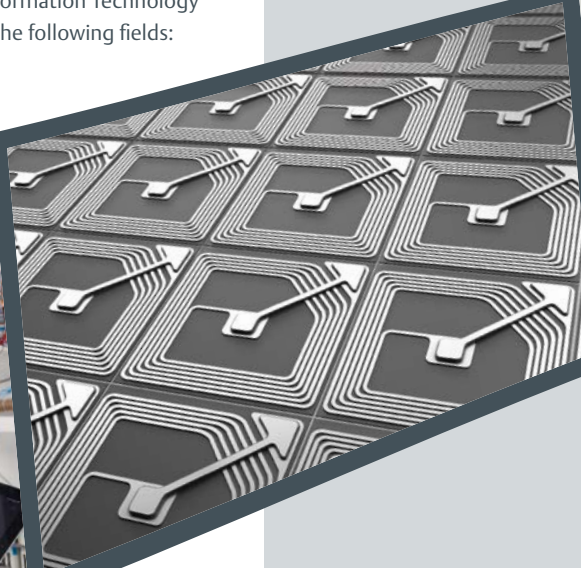
## Information Technology

- Master's Degree Program (M. Sc.) at the Department of Electrical Engineering and Computer Science

**KNOWLEDGE**

## Master **Information Technology**

As technical systems are becoming more and more complex and at the same time increasingly important to society, there is a growing demand for well-educated engineers and computer scientists. The mission of our Master's degree program Information Technology is to provide the industrial perspective on IT in the following fields:



- **intelligent technical systems,**
- **distributed real-time systems,**
- software engineering for **embedded systems,**
- wireless and wired **real-time communication systems,**
- **IT security** in embedded systems,
- **real-time image processing** and **information fusion** and
- **innovation and development strategies.**

Our central vision is an internet for smart machines in which real-time information is permanently available in sufficient quality at all levels of automation systems.

The Master's program Information Technology prepares for leadership positions in science and industry.

## Participate in Creating the Future!

OWL University of Applied Sciences offers you ideal conditions to make a difference:

On campus you encounter an environment of research and industry that involves you deeply in the development of future technologies.

After your studies you will have lots of networking opportunities to make your ideas come true. You will also find excellent prerequisites at OWL University of Applied Sciences to pursue a Ph.D.

Find out more about us and our Institutes Industrial IT (inIT) and Future Energy (IFE), the Centrum Industrial IT (CIIT) and our cooperation with the Fraunhofer Application Center Industrial Automation (IOSB-INA) at:

[www.hs-owl.de/fb5/en](http://www.hs-owl.de/fb5/en)