The South Westphalia University of Applied Sciences has sites in Hagen, Iserlohn, Lüdenscheid, Meschede and Soest. With around 14,000 students, we are one of the largest Universities of Applied Sciences in North Rhine Westphalia. But there is still a family atmosphere among students at the individual sites. The secrets of our success are small classes and personal support. Excellent resources and modern, future-oriented study and research focuses make this the perfect place to start a successful professional career.

We produce qualified experts and managers in the fields of agricultural science, business management, early years education, engineering, information technology and natural sciences. Our range of courses, some of which are also international, is tailored to cater for both full-time students and those in employment and can also accommodate those wishing to combine vocational training with studies.

Our research and development work is consistently practical and application-oriented. We use a close network of cooperation partners in business, associations and institutions.

www.fh-swf.de

Student Advisory
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Research and development

In-house institutions
CVCI Institute: Computer Science, Computer Vision and Computational Intelligence
iGREEN Institute for Green Technology & Rural Development
IFAT - Institute for Vehicle Powertrain Technology
BBCC.NRW Broadband Centre of Excellence
HSKI-Institute for Innovation
IQEM - Institute for Quality Improvement and Quality Management
WZF - Scientific Centre for Early Childhood Education and Care
wADSW - Research Centre for Cooperative Studies and Further Education

Cooperating institutes
Fraunhofer Application Center for Inorganic Phosphors, Soest
Institute for Disposal and Environmental Technology (IFEU), Iserlohn
Steinbeis Foundation Institute for Industrial Management, Meschede
Institute for Maintenance and Corrosion Protection (IFINKOR)
Institute for Forming Technology (IFU), Lüdenscheid
Plastics Institute for Medium-Sized Companies (KIMWa), Lüdenscheid
Steinbeis Transfer Center for Broadband and Mediatechnology (1BM1T), Meschede

Areas of research
Automotive
Forming technology
Joining
Energy efficiency in mass forming
Chassis technology, wheel suspension, suspension/absorption
Tribology on valve drives and shock absorber systems
Simulation, CAx
Material Flow simulation, wear prediction
Plastics technology
Lightweight construction
Health & wellness
Medical technology and devices
Materials
Plastics processing: thermoplastic and duroplastic processing
Super-strength steels, heat treatment
Corrosion and surface treatment
Biotechnology and nanotechnology
Environment and energy
Distributed energy supply, energy generation and storage systems, intelligent networks (smart grids)
New lighting technologies (LED)
New energy technologies and rational energy applications
Reduction of pollutants from combustion engines
Environment process technology, waste water purification
Information and communication technology
Industrial image processing, computer vision
Computational intelligence, fuzzy technology
Broadband technologies
Robotics with vision systems, mobile robotics
Bio-technical image processing
Agriculture and rural areas
Sustainable agriculture
Agricultural biotechnology
Soil ecology, soil processing, soil protection
Agricultural economy
Agricultural and process technology
Plant and vegetable production
Livestock farming

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The University at a Glance
Hagen · Iserlohn · Meschede · Soest · Lüdenscheid

Steinbeis Transfer Center Meschede, Environmental Engineering and Water Resource Management
Steinbeis Transfer Center Lightweight Design, Meschede
South Westphalia Tool Manufacturer Institute, Lüdenscheid
South Westphalia Scientific Association
### Hagen
**Full-time courses**
- Electrical Engineering for Energy, Lighting, Automation
- International Studies of Business Administration and Computer Science
- International Studies of Business Administration and Engineering
- Medical Engineering (Hagen/Lüdenscheid) *
- Medical Computer Engineering
- Computer Engineering
- Business Administration and Computer Science
- Business Administration and Engineering
- Business Administration and Engineering (Master)
- Business Administration and Engineering – Green Civil and Building Engineering (Hagen/Lüdenscheid) *

**Part-time courses**
- Business Administration and Business Law
- Electronic Systems (Master)
- Electrical Engineering
- Postgraduate Part-time Business Administration and Management (Master)
- Business Administration and Engineering
- Business Law
- Postgraduate Part-time Business Law (Master)

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### Iserlohn
**Full-time courses**
- Automotive
- Bio- and Nanotechnology
- Manufacturing Technology
- Computer Science
- Integrated Engineering (Master)
- Plastics Engineering (Iserlohn/Lüdenscheid)
- Mechatronics
- Engineering Design
- Materials Sciences and Surface Engineering

**Part-time courses**
- Applied Computer Science
- Plastics Engineering (Lüdenscheid) *
- Mechanical Engineering
- Mechanical Engineering (Master, Iserlohn/Lüdenscheid) *
- Mechatronics

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### Meschede
**Full-time courses**
- Electrical Engineering
- Information and Communication Systems with Management (Master)
- International Management
- International Management with Engineering
- Mechanical Engineering
- Business Administration
- Business Administration (Master)
- Business Administration and Computer Science
- Mechanical Engineering with Management

**Part-time courses**
- Postgraduate Part-time Business Administration and Management (Master)

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### Soest
**Full-time courses**
- Agriculture
- Agriculture (Master)
- Business Administration with Informatics *
- Design- and Project Management
- Electrical Engineering
- Early Childhood Education
- International Management & Information Systems (Master) *
- Mechanical Engineering
- Systems Engineering and Engineering Management (Master) *
- Technical Writing and Media Management
- Business Administration and Engineering

**Part-time courses**
- Early Childhood Education
- Postgraduate Part-time Engineering and Enterprise Management (Master)
- Mechanical Engineering with Management

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* The first 4 semesters of the course are held in Hagen and semesters 5 to 7 in Lüdenscheid.
* The plastics technology course is held in Lüdenscheid, the mechanical engineering course in Iserlohn and Lüdenscheid.
* The first 4 semesters of the course are taught in English.