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 Otto von Guericke University Magdeburg

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STUDENTS STATUS 10/2015
 14,427 students ▶ 6,135
 of which 4,645 new students (in the first semester)
 | Bachelor's students 2,378
 | Master's students 1,886
 | Medical students 192
 from Saxony-Anhalt 4,856 ▶ 1,920
 International students 2,297 ▶ 957
 Students within standard course duration 10,609

TOTAL STUDENTS BY FACULTY
 Electrical Engineering & Information Technology 920 ▶ 169
 Humanities, Social Science & Education 3,666 ▶ 2,246
 Computer Science 1,244 ▶ 223
 Mechanical Engineering 2,061 ▶ 343
 Mathematics 262 ▶ 75
 Medicine 1,582 ▶ 949
 Natural Sciences 744 ▶ 487
 Process & Systems Engineering 1,397 ▶ 393
 Economics & Management 2,551 ▶ 1,250

GRADUATES ACADEMIC YEAR 2014/15
 2,611 ▶ 1,095
 of which human medicine 178 ▶ 125

DOCTORATES AND HABILITATIONS STATUS 2015
 Completed doctorates 259
 Completed habilitations 20

PERSONNEL (FTE) STATUS 12/2014
PERSONNEL FINANCED FROM THE BUDGET
 2,068 ▶ 1,001

OF WHICH PROFESSORS
 Total: 201 ▶ 30
 of which Faculty of Medicine: 55 ▶ 6

OF WHICH OTHER ACADEMIC PERSONNEL
 Total: 1,021 ▶ 395

OF WHICH NON-ACADEMIC PERSONNEL
 Total: 847 ▶ 577

PERSONNEL FINANCED BY THIRD-PARTY FUNDING
 Total: 694 ▶ 278

OF WHICH ACADEMIC PERSONNEL
 Total: 525 ▶ 160

OF WHICH NON-ACADEMIC PERSONNEL
 Total: 169 ▶ 117

FINANCES (IN €)
2015 BUDGET
 State funding excl. Medicine: 85 million
 State funding for Medicine: 45 million

THIRD-PARTY SPENDING AS AT 31.12.2014
 Third-party funding spent excl. Medicine: 31 million
 Third-party funding spent - Medicine: 21 million.

KEY
 ▶ of which women
 FTE = full time equivalent

CREDITS
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FACTS AND FIGURES

ZAHLEN STUDIERENDE 14.248 STUDIERENDE DAVON 42,3% FRAUEN DAVON 3.836 STUDIENANFANGER DARUNTER 2.205 BACHELOR DARUNTER 1.343 MASTER DAVON 5.057 AUS SACHSEN-ANHALT DAVON 1.991 FRAUEN DAVON 14,4% AUSLANDISCH STUDIERENDE 79,0% STUDIERENDE IN DER REGELSTUDIEZEIT ANTEIL DER FACHERGRUPPEN 4.583 STUDIERENDE IN DEN INGENIEURWISSENSCHAFTEN DAVON 918 3.513 STUDIERENDE IN DEN WIRTSCHAFTS- U. SOZIALWISSENSCHAFTEN DAVON 1.799 FRAUEN 2.448 IN DEN SPRACH- UND KULTURWISSENSCHAFTEN DAVON 1.806 FRAUEN 1.667 IN DER MATHEMATIK UND DEN NATURWISSENSCHAFTEN DAVON 1.003 STUDIERENDE IN DER HUMANMEDIZIN DAVON 1.003 FRAUEN 1.001,4 HALTSFINANZIERTES PERSONAL 2.067,9 MITARBEITENDE AN DER MEDIZINISCHEN FAKULTÄT DAVON 287,3 FRAUEN DAVON NICHTWISSENSCHAFTLICHES PERSONAL 847 AN DER OTTO-VOM-GUERICKE-UNIVERSITÄT MAGDEBURG DAVON 394,7 FRAUEN DAVON 626,3 MITARBEITENDE AN DER MEDIZINISCHEN FAKULTÄT DAVON 250 FRAUEN PROFESSOREN 200,5 FTE 118,9 MIT 42,3% FRAUEN 1.991

2015/16

OVGU AT A GLANCE
WWW.OVGU.DE





OTTO VON GUERICKE UNIVERSITÄT MAGDEBURG

High-achieving, international and with research-led teaching, Otto von Guericke University Magdeburg is one of Germany's newer universities. Its focus in terms of research and teaching lies on engineering and the natural sciences, economics and business, and medicine. Complemented by a multitude of forward-looking areas of specialisation in the humanities, the University is a catalyst and driver of innovation, both in the region and well beyond national frontiers. Over 14,400 students from 98 different countries live and learn on our compact campus. Over 80, some unique, interdisciplinary courses are helping to make young people fit for the future. Our professors not only impart knowledge, but are also trailblazers for successful careers. The Faculty of Medicine and University Clinical Centre are currently training almost 1,600 prospective doctors.

The key areas of research at the University of Magdeburg are strongly interdisciplinary and cover the neurosciences, dynamic systems, and biosystems technology, as well as immunology. In terms of technology transfer, the University of Magdeburg is a strong and reliable partner to the regional and national economy, especially in the automotive, fluidised bed technology, medical technology, renewable energies and digital engineering fields. Several affiliated institutes and the Technology Transfer Centre act as intermediaries between academia and business and make it easier for companies to access engineering and scientific expertise, as well as social and economic knowledge.

MORE INFORMATION ON
[WWW.OVGU.DE](http://www.ovgu.de)

UNIVERSITY MANAGEMENT
 | Prof. Dr.-Ing. Jens Strackeljan, *President*
 | Prof. Dr. Jürgen Christen,
Vice President for Academic Development and Financial Planning
 | Prof. Dr. Franziska Scheffler,
Vice President for Academic Affairs
 | Prof. Dr. Volkmar Leßmann, *Vice President for Research, Technology and Equality of Opportunities*
 | Angela Matthies, *acting Chancellor*

FACULTIES AND INSTITUTES
FACULTY OF MECHANICAL ENGINEERING including the following institutes:
 | Ergonomics,
 Manufacturing Systems and Automation
 | Mechanics
 | Manufacturing Technology & Quality Management
 | Logistics & Materials Handling Systems
 | Machine Design
 | Mobile Systems
 | Materials & Joining Technology

FACULTY OF PROCESS & SYSTEMS ENGINEERING including the following institutes:
 | Process Engineering
 | Institute of Chemistry
 | Fluid Dynamics & Thermodynamics
 | Instrumental & Environmental Technology

FACULTY OF ELECTRICAL ENGINEERING & INFORMATION TECHNOLOGY including the following institutes:
 | Automation Engineering
 | Information & Communication Technology
 | Electrical Energy Systems
 | Medical Technology
 | Micro & Sensor Systems

FACULTY OF COMPUTER SCIENCE including the following institutes:
 | Intelligent Cooperative Systems
 | Simulation & Graphics
 | Technical & Business Information Systems

FACULTY OF MATHEMATICS including the following institutes:
 | Algebra & Geometry
 | Analysis & Numerics
 | Mathematical Optimisation
 | Mathematical Stochastics

FACULTY OF NATURAL SCIENCES including the following institutes:
 | **Experimental Physics**
 | Theoretical Physics
 | Psychology I
 | Psychology II
 | Biology

FACULTY OF MEDICINE including the following institutes:
 | General Medicine
 | Anatomy
 | Department of Occupational Medicine
 | Biochemistry & Cell Biology
 | Biometrics and Medical Informatics
 | Experimental Internal Medicine
 | Department of History, Ethics & Theory of Medicine
 | Human Genetics
 | Inflammation & Neurodegeneration
 | Clinical Chemistry & Pathobiochemistry
 | Clinical Pharmacology
 | Cognitive Neurology & Dementia Research
 | Medical Microbiology & Hospital Hygiene
 | Medical Psychology
 | Molecular Biology & Medical Chemistry
 | Molecular & Clinical Immunology
 | Neuropathology
 | Neuroradiology
 | Pathology
 | Pharmacology & Toxicology

| Physiology
 | Social Medicine & Health Economics
 | Transfusion Medicine & Immunohaematology with Blood Bank

CLINICS
 | University Clinic for General, Visceral and Vascular Surgery
 - Department of Paediatric Surgery & Paediatric Traumatology
 | University Clinic for Trauma Surgery
 | University Clinic for Plastic, Aesthetic & Hand Surgery
 | University Clinic for Cardiothoracic Surgery
 | University Clinic for Neurosurgery
 | University Clinic for Oral & Maxillofacial Surgery
 | University Orthopaedic Clinic
 | University Eye Clinic
 | University Clinic for Ear, Nose & Throat Medicine
 - Department of Experimental Audiology
 | University Women's Clinic
 | University Clinic for Reproductive Medicine & Gynaecological Endocrinology
 | University Paediatric Clinic
 | University Clinic for Urology and Paediatric Urology
 | University Clinic for Dermatology
 | University Clinic for Anaesthesiology and Intensive Therapy
 | University Clinic for Neurology
 | University Clinic for Stereotactic Neurosurgery
 | University Clinic for Psychiatry & Psychotherapy
 | University Clinic for Psychosomatic Medicine & Psychotherapy
 | Clinic for Paediatric and Adolescent Psychiatry, Psychotherapy and Psychosomatic Medicine of the Faculty of Medicine at Klinikum Magdeburg GmbH

FACULTY OF HUMANITIES, SOCIAL SCIENCE & EDUCATION
Institute I - Education, Vocation & Media
 | Pedagogy
 | Vocational Education & Human Resources Development
Institute II - Society, Politics & Transformation
 | Sociology
 | Political Science
 | History
Institute III - Sport, Language & Philosophy
 | Sport Science
 | German Studies
 | English Studies
 | Philosophy

FACULTY OF ECONOMICS AND MANAGEMENT including the following chairs:
 | Accounting & Controlling
 | International Management
 | Business Taxation
 | Banking & Finance
 | Strategic Management & Organisation
 | Operations Management
 | Marketing
 | Management Science
 | Accounting
 | E-Business

| University Clinic for Cardiology and Angiology
 | University Clinic for Pneumology
 | University Clinic for Gastroenterology, Hepatology & Infectology
 | University Clinic for Nephrology & Hypertension, Diabetology & Endocrinology
 | University Clinic for Haematology & Oncology
 | University Clinic for Radiology & Nuclear Medicine
 | University Clinic for Radiation Therapy

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 | E-Business

| Entrepreneurship
 | Empirical Economics Research
 | Economics of Business and Law
 | Financial Management & Innovation Finance
 | International Business (junior chair)
 | Operations Management (junior chair)
 | Experimental Economics (junior chair)
 | Economics
 | Public Economics
 | Applied Economics
 | Economic Policy
 | International Economics
 | Monetary Economics & Public Financial Institutions
 | Economics: Productivity & Innovations
 | Financial Economics (junior chair)
 | Law & Economics

KEY RESEARCH AREAS
 | Neuroscience (Center for Behavioral Brain Sciences (CBBS ScienceCampus))
 | Dynamic Systems Biosystems Technology (Center for Dynamic Systems (CDS))
 | Faculty of Medicine Key Research Areas: Health Campus Immunology, Infectology & Inflammation (GC-I)

OVGU KEY TRANSFER AREAS
 | Medical Technology
 | Automotive
 | Digital Engineering
 | Fluidized Bed Technology
 | Renewable Energy

COLLABORATIVE RESEARCH CENTRES (CRC)
 | CRC 779 (Coordinator): Neurobiology of Motivated Behaviour
 | CRC 854 (Coordinator): Molecular Organisation of Cellular Communication in the Immune System

| CRC 762: Functionality of Oxidic Interfaces
 | CRC 787: Semiconductor Nanophotonics: Materials, Models, Structural Elements
 | CRC/Transregio 31: Active Hearing
 | CRC/Transregio 62: A Companion Technology for Cognitive Technical Systems
 | CRC/Transregio 63: Integrated Chemical Processes in Fluid Multiphase Systems

RESEARCHER GROUPS
 | RG 957: Polarcon: Polarisation Field Control in Gallium Nitride Light Emitters

GRADUATE PROGRAMME
 | Graduate School 1554: Micro-Macro Interactions in Structured Media and Particle Systems
 | Graduate School in CRC 779: Neurobiology of Motivated Behaviour
 | International Max Planck Research School for Advanced Methods in Process and Systems Engineering
 | MGK854: Molecular organization of cellular communication in the immune system

EU PROJECTS
7th RESEARCH FRAMEWORK PROGRAMME In the field of Health:
 | EUTRAF: The European Network for Translational Research in Atrial Fibrillation
 | HypOrth (coordinator): New approaches in the development of Hypoallergenic implant material in Orthopedics: steps to personalised medicine
 | HiMR: Ultra-High Field Magnetic Resonance Imaging
 | INDIREA: Individualised Diagnostics and Rehabilitation of Attention

| GANNET53: A drug strategy targeting stabilised mutant p53 to fight metastatic platinum-resistant ovarian cancer

In the field of Agriculture/
 Nutrition/Environment:
 | ENTHALPY: Enabling the drying process to save energy and water, realising process efficiency in the dairy chain

In the field of Information & Communication Technology/Safety/Energy:
 | CORONET (coordinator): Choreographing neural networks: coupling attractor dynamics and state-dependent computations across biomimetic brain interfaces with neuromorphic VLSI
 | COINVENT: Concept Invention Theory
 | ELECON: Electricity Consumption Analysis to Promote Energy Efficiency Considering Demand Response and Non-technical Losses
 | IMAILE: Innovative Methods for Award Procedures of ICT Learning in Europe
 | INTEFIX: INTElligent FIXtures for the manufacturing of low rigidity components
 | SAVELEC: Safe control of non cooperative vehicles through electromagnetic means

In the field of Physics:
 | SoftActive: Non-equilibrium dynamics of soft and active matter

In the field of cooperation in Social Sciences, Economics and Humanities:
 | GLAMURS: Green Lifestyles, Alternative Models and Upscaling Regional Sustainability

HORIZONT 2020
 | NextGenVis: Training the Next Generation of European Visual Neuroscientists for the benefit of innovation in health care and

high-tech industry
 | MODEST: Mathematical Optimization for clinical DEcision Support and Training
 | EGRET-Plus: European Glaucoma Research Training Program-Plus
 | SyBil-AA: Systems Biology of Alcohol Addiction: Modeling and validating disease state networks in human and animal brains for understanding pathophysiology, predicting outcomes and improving therapy

ERA-NET/JOINT PROGRAMME
 | ROBUSTYEAST: Optimizing metabolic regulation in yeast production strains for dynamic conditions
 | Drug_FXSPreMut: Preclinical Approaches Towards Therapeutics Intervention for Fragile X Premutation Carriers
 | CircProt: Synaptic CIRCUIT PROTECTION in AD and HD: BDNF/TrkB and Arc signaling as rescue factors
 | NABUCO: Nanoparticles for Brain Use, Diagnostic and Ophthalmological Applications

EUROSTARS
 | Normforce 2: Development of an apparatus for contact normal force measurement in electric connectors

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 FRAUEN **1.617** STUDIERENDE IN DER HUMANN-