TEACHING and RESEARCH ACTIVITIES in SCIENCE

MATHEMATICS
PHYSICS
ENGINEERING
COMPUTER SCIENCE
BIOLOGY & MEDICINE
MATHEMATICS

BACHELOR

Bachelor en Mathématiques

MASTERS

Master in Mathematics

Master in Secondary Education - Mathematics
PHYSICS

BACHELORS

Bachelor in Physics
Bachelor Saar-Lor-Lux in Physics

MASTERS

Master of Science in Physics
Master Saar-Lor-Lux-Gre in Physics
ENGINEERING

BACHELOR

Bachelor im Ingenieurwesen

MASTERS

Master of Science in Civil Engineering – Megastructure Engineering with Sustainable Resources

Master of Science in Engineering – Sustainable Product Creation

Master Professionnel en Sciences de l’Ingénieur – Efficacité Énergétique et Économique

Master en Développement Durable
COMPUTER SCIENCE

BACHELORS

Bachelor in Computer Science
Bachelor in Applied Information Technology

MASTERS

Master in Information and Computer Sciences
Master in Information System Security Management
Master en Développement et Validation du Logiciel
Master in Technopreneurship
Interdisciplinary Space Master
### BIOLOGY & MEDICINE

#### BACHELORS
- Bachelor en Sciences de la Vie - Filière Biologie
- Bachelor en Médecine

#### MASTERS
- Master in Integrated Systems Biology
- International Master of Science in Biomedicine
- European Master of Small Animal Veterinary Medicine
- Master in Production Animal Health

#### OTHERS
- Certificate of Small Animal Veterinary Practise
- Certificate in Animal Health: Poultry Production
- Certificate – Principles of Biobanking
- Formation Spécifique en Médecine Générale
DOCTORAL SCHOOL in SCIENCE & ENGINEERING

PROGRAMMES

Mathematics and Applications
Physics and Materials Science
Civil Engineering
Mechanical/Electro and Communications Engineering
Computational Sciences
Computer Science and Computer Engineering
Systems and Molecular Biomedicine
COLLABORATIONS

- 326 scientific collaborations
37 industrial collaborations
Department of Mathematics

AREAS

- Algebra and Number Theory
- Geometry and the Mathematical Theory of Quantisation
- Geometric topology and analysis
- Mathematical Modelling
- Probability Theory and its Applications
- Statistics

PEOPLE

- 13 professors
- 44 post-docs and 23 doctoral candidates
- 2 technical and administrative staff
Department of Physics

AREAS

- Soft and Living Matter
- Energy Materials and Semiconductors
- Spectroscopy of Complex Materials
- Theory and Materials Modelling

PEOPLE

- 14 professors and 4 research scientists
- 45 post-docs and 45 doctoral candidates
- 16 technical and administrative staff
Department of Engineering

AREAS

- Civil and Environmental Engineering
- Mechanical Engineering
- Electrical - Communications Engineering
- Energy and Environment
- Computational Engineering
- Geophysics

PEOPLE

- 22 professors and lecturers
- 90 post-docs and 85 doctoral candidates
- 15 technical and administrative staff
Department of Computer Science

AREAS

- Intelligent and Adaptive Systems
- Information Security
- Communicative Systems
- Software and Systems

PEOPLE

- 20 professors
- 51 post-docs and 47 doctoral candidates
- 12 technical and administrative staff
Department of Life Sciences and Medicine

AREAS

- Signal Transduction
- Cancer Cell Biology and Drug Discovery
- Molecular Disease Mechanisms
- Neuro-inflammation
- Immune Cells and Inflammatory Diseases
- Systems Biology

PEOPLE

- 10 professors
- 25 post-docs and 27 doctoral candidates
- 12 technical and administrative staff
FSTM CAMPUS SITES

BELVAL
- Mathematics
- Computer Science
- Life Sciences & Medicine
- Laboratory for Photovoltaïcs

KIRCHBERG
- Engineering

LIMPERTSBERG
- Physics
Halle des Essais
Maison des Arts et des Etudiants
Restaurants
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