

## Bio1: Molecular and Cellular Biology

### **Profiles:**

- Structural biology
- Biophysics
- Computational biology
- System biology

## Bio2: Functional Biology

### **Profiles:**

- Plant physiology
- Molecular microbiology

## Cult3: History, History of Arts and Archeology

### **Profiles:**

- Art history (of modern ages)

## Cult4: Theology, Philosophy and Science of Religion

### **Profiles:**

- Theological ethics
- Islam
- Eastern religions
- Non-Western philosophy

## G&M1: Sciences of Law and Criminology

### **Profiles:**

- Commercial, financial and economical law
- Criminal law and law of criminal procedure
- Law and sciences & technology
- Punishment and criminal law
- Criminology



## G&M2: Economics, Business Economics and Management

### **Profiles:**

- Marketing
- Marketing modeling
- Corporate finance/governance/accounting/auditing

## G&M3: Psychology, Pedagogy, Didactics and Social Work

### **Profiles:**

- Experimental psychology
- Quantitative psychology and psychometrics
- Neuropsychology
- Methodology and statistics of behavioural sciences

## G&M4: Social, Political and Communication Sciences

### **Profiles:**

- International relations
- Science of public/social administration
- Sociology of work, industrial sociology and/or organisation sociology/sociology of organisations
- Sociology of health and/or sociology of the family (also social psychology)
- Sociology of education, sociology of culture, sociology of leisure, socialisation
- Social inequality and minorities, social policy and the welfare state and/or macro sociology (historical and comparative sociology)
- Sociological theory
- Anthropology

## Med1: Pharmaceutical Sciences and Protein Chemistry

### **Profiles:**

- Analysis of medicines
- Pharmacology and toxicology
- Functional protein research in cellular basic processes



## Med2: Genetics, Functional Genome Research, BioInformatics Science, Development Biology

### **Profiles:**

- Human and clinical genetics
- Bioinformatics
- Micro RNA

## Med3: Microbiology en Immunology

### **Profiles:**

- Transplantation immunity
- (Veterinary) medical bacteriology and/or mycology
- Molecular bacteriology
- Auto immunity

## Med4: Cancer Research

### **Profiles:**

- Cancergenetics and -genomic
- Translational surgical and related therapies
- Clinic research of the most frequent cancers

## Med5: Cell Biology, Physiology and Physiopathology and Medical Clinical Research of Organ Systems I

### **Profiles:**

- Psychiatry
- Biological psychiatry

## Med6: Cell Biology, Physiology and Physiopathology and Medical Clinical Research of Organ Systems II

### **Profiles:**

- Nephrology and homoeostasis
- Haematology (thrombosis)
- Medical imaging



## Med7: Cell Biology, Physiology and Physiopathology and Medical Clinical Research of Organ Systems III

### **Profiles:**

- Gastroenterology
- Endocrinology
- Diabetes
- Metabolism and Nutrition
- Gynaecology
- Uro-genital
- Hepatology
- Reproduction of Animals
- Signal transduction
- Membrane transport & ion channels
- Molecular cell biology
- Medical imaging
- Reproductive

## Med8: Health Sciences

### **Profiles:**

- Physiotherapy
- Movement sciences

## W&T1: Mathematical Sciences

### **Profiles:**

- Probability theory, statistics

## W&T2: Physics

### **Profiles:**

- Fundamental interactions and particles, theory
- Classical mechanics, quantum mechanics, including quantum information
- Thermal and statistical physics
- Complex systems and non-linear systems



## W&T3: Condensed Matter and Physical Chemistry

### **Profiles:**

- Structure, structural phase transitions, mechanical properties, defects, structure-property relationships
- Inhomogeneous, disordered, and partially ordered systems
- Collective quantum phenomena and excitations (incl. magnetism, superfluidity, superconductivity, piezo- and ferroelectricity, quasiparticles and ultra cold gasses)
- Electronic structure and transport mechanisms, semiconductor physics
- Physics and chemistry of surface and interfaces, low-dimensional and nanoscale systems
- Photonics
- Biophysics
- Chemical physics, theoretical, computational and physical chemistry
- Polymer physics and soft matter
- Spectroscopic methods and nuclear solid state physics and instrumental physical chemistry

## W&T5: Informatics and Knowledge Technology

### **Profiles:**

- Software engineering, programming technologies
- Machine learning, data-mining, bioinformatics
- Databases, multimedia, web- and information systems and their management, human computer interactions
- Theoretical computer science
- Artificial intelligence

## W&T7: Energy, Electrical Engineering, Electronics and Mechanics

### **Profiles:**

- Signal processing (speech, image)

## W&T9: Science and Technology of Constructions and the Built Environment

### **Profiles:**

- Architecture and Architectural sciences, built heritage, conservation and sustainability
- Built environment

