

Bibliometriska vetenskapsgrenar i statistiken över Vetenskapens tillstånd

Publikationens (t.ex. en artikel) vetenskapsgren (subject category/subject area) bestäms i ett Web of Science-baserat material enligt den kategori som fastställts av Clarivate Analytics och i ett Scopus-baserat material för Elseviers vetenskapliga tidskrift eller konferenspublikation. Det finns cirka 250 kategorier i det Web of Science-baserade och cirka 350 kategorier i det Scopus-baserade materialet. Många publikationskanaler har klassificerats i flera olika kategorier.

Kategorierna har grupperats i större helheter med hjälp av en klassificering av vetenskapsgrenar som baserar sig på Statistikcentralens vetenskapsgrenar från 2010.

Artiklarna i de allmänvetenskapliga tidskrifterna (Multidisciplinary Sciences eller General) har inte placerats om i olika vetenskapsgrenar. De hör till kategorin "allmänvetenskapliga tidskrifter", som till exempel innehåller tidskrifterna Nature, PLOS ONE, Proceedings of the National Academy of Sciences of the United States of America PNAS och Science samt många mindre kända vetenskapliga tidskrifter.

Klassificering av vetenskapsgrenar [i statistiken över Vetenskapens tillstånd](#): Vetenskapsgrenar har vidare grupperats i större helheter så att grupperingens kornstorlek är lämplig med tanke på granskningen. I statistiken över Vetenskapens tillstånd presenteras resultaten av bibliometriska analyser enligt grupper av vetenskapsgrenar.

Nedan beskrivs de bibliometriska grupper av vetenskapsgrenar i den akademiska klassifikationen enligt Statistikcentralens vetenskapsgrenar samt enligt kategorierna i Web of Science och Scopus.

Grupper av vetenskapsgrenar utgående från Statistikcentralens vetenskapsgrenar

Grupper av vetenskapsgrenar	Vetenskapsgrenar
Matematik, statistik	Matematik Statistik
Fysik, geovetenskaper, rymdvetenskap	Fysik Rymdvetenskap och astronomi Geovetenskaper
Kemi, teknisk kemi	Kemi Teknisk kemi, kemisk processteknik
ICT och elteknik	Data- och informationsvetenskap El-, automations- och datakommunikationsteknik, elektronik
Materialvetenskap och materialteknik	Materialteknik Medicinsk teknik
Övriga tekniska områden	Arkitektur Byggnads- och samhällsteknik Maskin- och produktionsteknik Miljöteknik
Ekonomi	Ekonomi
Ekologi, miljövetenskap, växtbiologi	Ekologi, evolutionsbiologi Miljövetenskap Växtbiologi, mikrobiologi, virologi
Jordbruks- och skogsvetenskaper	Jordbruksvetenskap Skogsvetenskap Veterinärvetenskap Livsmedelsvetenskap
Biomedicin, biovetenskaper	Biokemi, cell- och molekylbiologi Genetik, utvecklingsbiologi, fysiologi Biomedicinska vetenskaper Neurovetenskaper Farmaci
Klinisk medicin	Klinisk medicin Odontologi
Hälsovetenskaper	Näringslära Folkhälsovetenskap, miljö och arbetshälsa Gymnastik- och idrottsvetenskap Vårdvetenskap
Beteendevetenskap	Psykologi Pedagogik
Övriga samhällsvetenskapliga områden	Övriga samhällsvetenskaper
Humanistiska vetenskaper	Humanistiska vetenskaper
Allmänvetenskapliga tidskrifter	Allmänvetenskapliga tidskrifter



Grupper av vetenskapsgrenar enligt Web of Science (subject category)

Grupp av vetenskapsgrenar

Vetenskapsgren

Kategori (subject category)

Matematik, statistik

110 Matematik

Logic

Mathematics

Mathematics, Applied

Mathematics, Interdisciplinary Applications

112 Statistik

Statistics & Probability

Fysik, geovetenskaper, rymdvetenskap

114 Fysik

Acoustics

Imaging Science & Photographic Technology

Instruments & Instrumentation

Mechanics

Nuclear Science & Technology

Optics

Physics, Applied

Physics, Atomic, Molecular & Chemical

Physics, Condensed Matter

Physics, Fluids & Plasmas

Physics, Mathematical

Physics, Multidisciplinary

Physics, Nuclear

Physics, Particles & Fields

Spectroscopy

115 Rymdvetenskap och astronomi

Astronomy & Astrophysics

1171 Geovetenskaper

Geochemistry & Geophysics

Geography, Physical

Geology

Geosciences, Multidisciplinary

Meteorology & Atmospheric Sciences

Mineralogy

Oceanography

Paleontology

Remote Sensing

Soil Science

Water Resources



FINLANDS AKADEMI

Kemi, teknisk kemi

116 Kemi

Chemistry, Analytical
 Chemistry, Applied
 Chemistry, Inorganic & Nuclear
 Chemistry, Multidisciplinary
 Chemistry, Organic
 Chemistry, Physical
 Crystallography
 Electrochemistry
 Polymer Science

215 Teknisk kemi, kemisk processteknik

Engineering, Chemical
 Materials Science, Paper & Wood

ICT och elteknik

113 Data- och informationsvetenskap

Computer Science, Artificial Intelligence
 Computer Science, Cybernetics
 Computer Science, Information Systems
 Computer Science, Interdisciplinary Applications
 Computer Science, Software Engineering
 Computer Science, Theory & Methods

213 El-, automations- och datakommunikationsteknik, elektronik

Automation & Control Systems
 Computer Science, Hardware & Architecture
 Engineering, Electrical & Electronic
 Robotics
 Telecommunications

Materialvetenskap och materialteknik

216 Materialteknik

Materials Science, Biomaterials
 Materials Science, Ceramics
 Materials Science, Characterization, Testing
 Materials Science, Coatings & Films
 Materials Science, Composites
 Materials Science, Multidisciplinary
 Materials Science, Textiles
 Nanoscience & Nanotechnology

217 Medicinsk teknik

Engineering, Biomedical

Övriga tekniska områden

211 Arkitektur

Architecture

212 Byggnads- och samhällsteknik

Construction & Building Technology



FINLANDS AKADEMI

Engineering, Civil

Transportation Science & Technology

214 Maskin- och produktionsteknik

Agricultural Engineering

Engineering, Aerospace

Engineering, Industrial

Engineering, Manufacturing

Engineering, Mechanical

Engineering, Multidisciplinary

Metallurgy & Metallurgical Engineering

Thermodynamics

218 Miljöteknik

Energy & Fuels

Engineering, Environmental

Engineering, Geological

Engineering, Marine

Engineering, Ocean

Engineering, Petroleum

Mining & Mineral Processing

Ekonomi

510 Ekonomi

Agricultural Economics & Policy

Business

Business, Finance

Economics

Management

Operations Research & Management Science

Social Sciences, Mathematical Methods

Ekologi, miljövetenskap, växtbiologi

1172 Miljövetenskap

Environmental Sciences

1181 Ekologi, evolutionsbiologi

Biodiversity Conservation

Biology

Ecology

Entomology

Evolutionary Biology

Limnology

Marine & Freshwater Biology

Ornithology

Zoology

1183 Växtbiologi, mikrobiologi, virologi

Biotechnology & Applied Microbiology

Microbiology

Mycology

Plant Sciences



FINLANDS AKADEMI

Virology

Jordbruks- och skogsvetenskaper

410 Jordbruksvetenskap

Agriculture, Dairy & Animal Science

Agriculture, Multidisciplinary

Agronomy

Fisheries

Horticulture

4112 Skogsvetenskap

Forestry

413 Veterinärvetenskap

Veterinary Sciences

415 Livsmedelsvetenskap

Food Science & Technology

Biomedicin, biovetenskaper

1182 Biokemi, cell- och molekylbiologi

Biochemical Research Methods

Biochemistry & Molecular Biology

Biophysics

Cell and Tissue Engineering

Cell Biology

Mathematical & Computational Biology

Microscopy

1184 Genetik, utvecklingsbiologi, fysiologi

Developmental Biology

Genetics & Heredity

Reproductive Biology

3111 Biomedicinska vetenskaper

Anatomy & Morphology

Immunology

Medical Laboratory Technology

Medicine, Research & Experimental

Parasitology

Pathology

Physiology

3112 Neurovetenskaper

Behavioral Sciences

Neurosciences

317 Farmaci

Chemistry, Medicinal

Pharmacology & Pharmacy

Toxicology

Klinisk medicin

312 Klinisk medicin

Allergy



FINLANDS AKADEMI

Andrology
 Anesthesiology
 Audiology, Speech-Language Pathology
 Cardiac & Cardiovascular System
 Clinical Neurology
 Critical Care Medicine
 Dermatology
 Emergency Medicine
 Endocrinology & Metabolism
 Gastroenterology & Hepatology
 Geriatrics and Gerontology
 Hematology
 Infectious Diseases
 Integrative & Complementary Medicine
 Medicine, General & Internal
 Medicine, Legal
 Neuroimaging
 Obstetrics & Gynecology
 Oncology
 Ophthalmology
 Orthopedics
 Otorhinolaryngology
 Pediatrics
 Peripheral Vascular Disease
 Psychiatry
 Radiology, Nuclear Medicine & Medical Imaging
 Respiratory System
 Rheumatology
 Surgery
 Transplantation
 Tropical Medicine
 Urology & Nephrology
 313 Odontologi
 Dentistry, Oral Surgery & Medicine
Hälsövetenskaper
 3141 Näringslära
 Nutrition & Dietetics
 3142 Folkhälsovetenskap, miljö och arbetshälsa
 Gerontology
 Health Care Sciences & Services
 Health Policy & Services
 Medical Ethics
 Medical Informatics
 Primary Health Care
 Public, Environmental & Occupational Health
 Rehabilitation



FINLANDS AKADEMI

Social Sciences, Biomedical

Substance Abuse

315 Gymnastik- och idrottsvetenskap

Sport Sciences

316 Vårdvetenskap

Nursing

Beteendevetenskap

515 Psykologi

Psychology

Psychology, Applied

Psychology, Biological

Psychology, Clinical

Psychology, Developmental

Psychology, Educational

Psychology, Experimental

Psychology, Mathematical

Psychology, Multidisciplinary

Psychology, Psychoanalysis

Psychology, Social

516 Pedagogik

Education & Educational Research

Education, Scientific Disciplines

Education, Special

Övriga samhällsvetenskapliga områden

530 Övriga samhällsvetenskaper

Anthropology

Area Studies

Communication

Criminology & Penology

Demography

Environmental Studies

Ergonomics

Ethnic Studies

Family Studies

Geography

Hospitality, Leisure, Sport & Tourism

Industrial Relations & Labor

Information Science and Library Science

International Relations

Law

Planning & Development

Political Science

Public Administration

Social Issues

Social Sciences, Interdisciplinary

Social Work



FINLANDS AKADEMI

Sociology
 Transportation
 Womens Studies

Humanistiska vetenskaper

600 Humanistiska vetenskaper

Archaeology
 Art
 Asian Studies
 Classics
 Cultural Studies
 Dance
 Ethics
 Film, Radio, Television
 Folklore
 History
 History & Philosophy of Science
 History of Social Sciences
 Humanities, Multidisciplinary
 Language & Linguistics Theory
 Linguistics
 Literary Reviews
 Literary Theory & Criticism
 Literature
 Literature, African, Australian, Canadian
 Literature, American
 Literature, British Isles
 Literature, German, Dutch, Scandinavian
 Literature, Romance
 Literature, Slavic
 Medieval & Renaissance Studies
 Music
 Philosophy
 Poetry
 Religion
 Theater
 Urban Studies

Allmänvetenskapliga tidsskrifter

700 Allmänvetenskapliga tidsskrifter

Multidisciplinary Sciences



Grupper av vetenskapsgrenar enligt Scopus branscher (subject area)

Grupp av vetenskapsgrenar

Vetenskapsgren

Kategori (subject area)

Matematik, statistik

111 Matematik

Mathematics(all)

Mathematics (miscellaneous)

Algebra and Number Theory

Analysis

Applied Mathematics

Computational Mathematics

Control and Optimization

Discrete Mathematics and Combinatorics

Geometry and Topology

Logic

Modelling and Simulation

Numerical Analysis

112 Statistik

Statistics, Probability and Uncertainty

Statistics and Probability

Fysik, geovetenskaper, rymdvetenskap

114 Fysik

Physics and Astronomy(all)

Spectroscopy

Mathematical Physics

Physics and Astronomy (miscellaneous)

Acoustics and Ultrasonics

Condensed Matter Physics

Instrumentation

Nuclear and High Energy Physics

Atomic and Molecular Physics, and Optics

Radiation

Statistical and Nonlinear Physics

Surfaces and Interfaces

115 Rymdvetenskap och astronomi

Space and Planetary Science

Astronomy and Astrophysics

1171 Geovetenskaper

Earth and Planetary Sciences(all)

Soil Science

Earth and Planetary Sciences (miscellaneous)

Atmospheric Science



FINLANDS AKADEMI

Computers in Earth Sciences

Earth-Surface Processes

Economic Geology

Geochemistry and Petrology

Geology

Geophysics

Oceanography

Palaeontology

Stratigraphy

Water Science and Technology

Kemi, teknisk kemi

116 Kemi

Chemistry(all)

Chemistry (miscellaneous)

Analytical Chemistry

Electrochemistry

Inorganic Chemistry

Organic Chemistry

Physical and Theoretical Chemistry

215 Teknisk kemi, kemisk processteknik

Chemical Engineering(all)

Chemical Engineering (miscellaneous)

Catalysis

Filtration and Separation

Fluid Flow and Transfer Processes

Process Chemistry and Technology

Colloid and Surface Chemistry

Bioengineering

IKT och elteknik

113 Data- och informationsvetenskap

Computer Science (miscellaneous)

Artificial Intelligence

Computational Theory and Mathematics

Computer Graphics and Computer-Aided Design

Computer Science Applications

Computer Vision and Pattern Recognition

Human-Computer Interaction

Information Systems

Software

Theoretical Computer Science

213 El-, automations- och
datakommunikationsteknik, elektronik

Computer Networks and Communications

Hardware and Architecture

Signal Processing

Control and Systems Engineering



FINLANDS AKADEMI

Electrical and Electronic Engineering

Media Technology

Materialvetenskap och materialteknik

216 Materialteknik

Materials Science(all)

Mechanics of Materials

Materials Science (miscellaneous)

Biomaterials

Ceramics and Composites

Electronic, Optical and Magnetic Materials

Materials Chemistry

Metals and Alloys

Polymers and Plastics

Surfaces, Coatings and Films

217 Medicinsk teknik

Biomedical Engineering

Health Informatics

Health Information Management

Övriga tekniska områden

211 Arkitektur

Architecture

212 Byggnads- och samhällsteknik

Civil and Structural Engineering

Building and Construction

Rakennus- ja yhdyskuntatekniikka

214 Maskin- och produktionsteknik

Safety, Risk, Reliability and Quality

Aerospace Engineering

Automotive Engineering

Computational Mechanics

Industrial and Manufacturing Engineering

Mechanical Engineering

218 Miljöteknik

Energy(all)

Waste Management and Disposal

Geotechnical Engineering and Engineering

Geology

Energy (miscellaneous)

Energy Engineering and Power Technology

Fuel Technology

Nuclear Energy and Engineering

Renewable Energy, Sustainability and the Environment

Ocean Engineering

Environmental Engineering

Ekonomi

510 Ekonomi



FINLANDS AKADEMI

Business, Management and Accounting(all)
 Business, Management and Accounting
 (miscellaneous)
 Accounting
 Business and International Management
 Management Information Systems
 Management of Technology and Innovation
 Marketing
 Organizational Behavior and Human Resource
 Management
 Strategy and Management
 Industrial relations
 Decision Sciences(all)
 Decision Sciences (miscellaneous)
 Information Systems and Management
 Management Science and Operations Research
 Economics, Econometrics and Finance(all)
 Economics, Econometrics and Finance
 (miscellaneous)
 Economics and Econometrics
 Finance

Ekologi, miljövetenskap, växtbiologi

1172 Miljövetenskap

Environmental Science(all)
 Environmental Science (miscellaneous)
 Environmental Chemistry
 Global and Planetary Change
 Management, Monitoring, Policy and Law
 Nature and Landscape Conservation
 Pollution

1181 Ekologi, evolutionsbiologi

Aquatic Science
 Ecology, Evolution, Behavior and Systematics
 Ecological Modelling
 Ecology
 Insect Science

1183 Växtbiologi, mikrobiologi, virologi

Plant Science
 Applied Microbiology and Biotechnology
 Microbiology
 Virology

Jordbruks- och skogsvetenskaper

410 Jordbruksvetenskap

Agricultural and Biological Sciences(all)
 Agronomy and Crop Science
 Animal Science and Zoology
 Horticulture



FINLANDS AKADEMI

4112 Skogsvetenskap

Forestry

413 Veterinärvetenskap

veterinary(all)

veterinary (miscellaneous)

Equine

Food Animals

Small Animals

Food Science

Biomedicin, biovetenskaper

1182 Biokemi, cell- och molekylärbiologi

Biochemistry, Genetics and Molecular

Biology(all)

Biochemistry, Genetics and Molecular Biology

(miscellaneous)

Ageing

Biochemistry

Biophysics

Biotechnology

Cell Biology

Molecular Biology

Structural Biology

Agricultural and Biological Sciences

(miscellaneous)

1184 Genetik, utvecklingsbiologi, fysiologi

Developmental Biology

Genetics

3111 Biomedicinska vetenskaper

Physiology

Cancer Research

Clinical Biochemistry

Endocrinology

Molecular Medicine

Immunology and Microbiology(all)

Immunology and Microbiology (miscellaneous)

Immunology

Parasitology

Anatomy

Biochemistry, medical

Histology

Immunology and Allergy

Microbiology (medical)

Pathology and Forensic Medicine

Physiology (medical)

Medical Laboratory Technology

Embryology

3112 Neurovetenskaper



Neuroscience(all)
 Neuroscience (miscellaneous)
 Behavioral Neuroscience
 Biological Psychiatry
 Cellular and Molecular Neuroscience
 Cognitive Neuroscience
 Developmental Neuroscience
 Endocrine and Autonomic Systems
 Neurology
 Sensory Systems

317 Farmaci

Pharmacology, Toxicology and
 Pharmaceutics(all)
 Pharmacology, Toxicology and Pharmaceutics
 (miscellaneous)
 Drug Discovery
 Pharmaceutical Science
 Pharmacology
 Toxicology
 Pharmacy

Klinisk medicin

312 Klinisk medicin

Medicine(all)
 Medicine (miscellaneous)
 Anesthesiology and Pain Medicine
 Cardiology and Cardiovascular Medicine
 Critical Care and Intensive Care Medicine
 Complementary and alternative medicine
 Dermatology
 Drug guides
 Emergency Medicine
 Endocrinology, Diabetes and Metabolism
 Gastroenterology
 Genetics(clinical)
 Geriatrics and Gerontology
 Hematology
 Hepatology
 Internal Medicine
 Infectious Diseases
 Nephrology
 Clinical Neurology
 Obstetrics and Gynaecology
 Oncology
 Ophthalmology
 Orthopedics and Sports Medicine
 Otorhinolaryngology
 Pediatrics, Perinatology, and Child Health



FINLANDS AKADEMI

Pharmacology (medical)
 Psychiatry and Mental health
 Pulmonary and Respiratory Medicine
 Radiology Nuclear Medicine and imaging
 Reproductive Medicine
 Reviews and References, Medical
 Rheumatology
 Surgery
 Transplantation
 Urology
 Emergency Medical Services
 Optometry
 Podiatry
 Radiological and Ultrasound Technology
 Respiratory Care
 Speech and Hearing
 Health Professions(all)
 Medical Terminology

313 Odontologi

Dentistry(all)
 Dentistry (miscellaneous)
 Dental Assisting
 Dental Hygiene
 Oral Surgery
 Orthodontics
 Periodontics

Hälsövetenskaper

3141 Näringslära

Nutrition and Dietetics

3142 Folkhälsovetenskap, miljö och arbetshälsa

Chemical Health and Safety
 Health, Toxicology and Mutagenesis
 Epidemiology
 Family Practice
 Health Policy
 Public Health, Environmental and Occupational
 Health
 Health (social science)
 Gerontology
 Safety Research
 Health Professions (miscellaneous)

315 Gymnastik- och idrottsvetenskap

Rehabilitation
 Chiropractics
 Complementary and Manual Therapy
 Occupational Therapy



FINLANDS AKADEMI

Physical Therapy, Sports Therapy and
Rehabilitation

316 Vårdvetenskap

Nursing(all)

Nursing (miscellaneous)

Advanced and Specialised Nursing

Assessment and Diagnosis

Care Planning

Community and Home Care

Critical Care

Emergency

Fundamentals and skills

Issues, ethics and legal aspects

Leadership and Management

LPN and LVN

Maternity and Midwifery

Medical–Surgical

Nurse Assisting

Oncology(nursing)

Pathophysiology

Pediatrics

Pharmacology (nursing)

Psychiatric Mental Health

Research and Theory

Review and Exam Preparation

Beteendevetenskap

515 Psykologi

Psychology(all)

Psychology (miscellaneous)

Applied Psychology

Clinical Psychology

Developmental and Educational Psychology

Experimental and Cognitive Psychology

Neuropsychology and Physiological Psychology

Social Psychology

Life-span and Life-course Studies

516 Pedagogik

Education

Medical Assisting and Transcription

Övriga samhällsvetenskapliga områden

530 Övriga samhällsvetenskaper

Tourism, Leisure and Hospitality Management

Social Sciences(all)

Social Sciences (miscellaneous)

Development

Geography, Planning and Development

Human Factors and Ergonomics



FINLANDS AKADEMI

Law

Library and Information Sciences

Sociology and Political Science

Transportation

Anthropology

Communication

Demography

Gender Studies

Political Science and International Relations

Public Administration

Urban Studies

Humanistiska vetenskaper

600 Humanistiska vetenskaper

Arts and Humanities(all)

Arts and Humanities (miscellaneous)

History

Language and Linguistics

Archaeology

Classics

Conservation

History and Philosophy of Science

Literature and Literary Theory

Museology

Music

Philosophy

Religious studies

Visual Arts and Performing Arts

Archaeology

Linguistics and Language

Cultural Studies

Allmänvetenskapliga tidsskrifter

700 Allmänvetenskapliga tidsskrifter

General