

ShanghaiRanking's Global Ranking of Academic Subjects (2025)
Mapping between Web of Science categories and 57 academic subjects

Fields	Academic Subjects	Web of Science Categories
Natural Sciences	Mathematics	MATHEMATICS
Natural Sciences	Mathematics	MATHEMATICS, APPLIED
Natural Sciences	Physics	ACOUSTICS
Natural Sciences	Physics	ASTRONOMY & ASTROPHYSICS
Natural Sciences	Physics	OPTICS
Natural Sciences	Physics	PHYSICS, APPLIED
Natural Sciences	Physics	PHYSICS, ATOMIC, MOLECULAR & CHEMICAL
Natural Sciences	Physics	PHYSICS, CONDENSED MATTER
Natural Sciences	Physics	PHYSICS, FLUIDS & PLASMAS
Natural Sciences	Physics	PHYSICS, MATHEMATICAL
Natural Sciences	Physics	PHYSICS, MULTIDISCIPLINARY
Natural Sciences	Physics	PHYSICS, NUCLEAR
Natural Sciences	Physics	PHYSICS, PARTICLES & FIELDS
Natural Sciences	Physics	QUANTUM SCIENCE & TECHNOLOGY
Natural Sciences	Chemistry	CHEMISTRY, ANALYTICAL
Natural Sciences	Chemistry	CHEMISTRY, APPLIED
Natural Sciences	Chemistry	CHEMISTRY, INORGANIC & NUCLEAR
Natural Sciences	Chemistry	CHEMISTRY, MULTIDISCIPLINARY
Natural Sciences	Chemistry	CHEMISTRY, ORGANIC
Natural Sciences	Chemistry	CHEMISTRY, PHYSICAL
Natural Sciences	Chemistry	CRYSTALLOGRAPHY
Natural Sciences	Chemistry	ELECTROCHEMISTRY
Natural Sciences	Chemistry	POLYMER SCIENCE
Natural Sciences	Chemistry	SPECTROSCOPY
Natural Sciences	Earth Sciences	GEOCHEMISTRY & GEOPHYSICS
Natural Sciences	Earth Sciences	GEOLOGY
Natural Sciences	Earth Sciences	GEOSCIENCES, MULTIDISCIPLINARY
Natural Sciences	Earth Sciences	MINERALOGY
Natural Sciences	Earth Sciences	PALEONTOLOGY
Natural Sciences	Geography	AREA STUDIES
Natural Sciences	Geography	GEOGRAPHY
Natural Sciences	Geography	GEOGRAPHY, PHYSICAL
Natural Sciences	Ecology	BIODIVERSITY CONSERVATION
Natural Sciences	Ecology	ECOLOGY
Natural Sciences	Oceanography	OCEANOGRAPHY
Natural Sciences	Atmospheric Science	METEOROLOGY & ATMOSPHERIC SCIENCES
Engineering	Mechanical Engineering	ENGINEERING, MANUFACTURING
Engineering	Mechanical Engineering	ENGINEERING, MECHANICAL
Engineering	Electrical & Electronic Engineering	ENGINEERING, ELECTRICAL & ELECTRONIC
Engineering	Electrical & Electronic Engineering	IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Engineering	Automation & Control	AUTOMATION & CONTROL SYSTEMS
Engineering	Telecommunication Engineering	TELECOMMUNICATIONS
Engineering	Instruments Science & Technology	INSTRUMENTS & INSTRUMENTATION
Engineering	Instruments Science & Technology	MICROSCOPY
Engineering	Biomedical Engineering	CELL & TISSUE ENGINEERING
Engineering	Biomedical Engineering	ENGINEERING, BIOMEDICAL
Engineering	Computer Science & Engineering	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE
Engineering	Computer Science & Engineering	COMPUTER SCIENCE, INFORMATION SYSTEMS
Engineering	Computer Science & Engineering	COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS
Engineering	Computer Science & Engineering	COMPUTER SCIENCE, SOFTWARE ENGINEERING
Engineering	Computer Science & Engineering	COMPUTER SCIENCE, THEORY & METHODS
Engineering	Civil Engineering	CONSTRUCTION & BUILDING TECHNOLOGY
Engineering	Civil Engineering	ENGINEERING, CIVIL
Engineering	Chemical Engineering	ENGINEERING, CHEMICAL

Engineering	Materials Science & Engineering	MATERIALS SCIENCE, BIOMATERIALS
Engineering	Materials Science & Engineering	MATERIALS SCIENCE, CERAMICS
Engineering	Materials Science & Engineering	MATERIALS SCIENCE, CHARACTERIZATION & TESTING
Engineering	Materials Science & Engineering	MATERIALS SCIENCE, COATINGS & FILMS
Engineering	Materials Science & Engineering	MATERIALS SCIENCE, COMPOSITES
Engineering	Materials Science & Engineering	MATERIALS SCIENCE, MULTIDISCIPLINARY
Engineering	Materials Science & Engineering	MATERIALS SCIENCE, PAPER & WOOD
Engineering	Nanoscience & Nanotechnology	NANOSCIENCE & NANOTECHNOLOGY
Engineering	Energy Science & Engineering	ENERGY & FUELS
Engineering	Energy Science & Engineering	ENGINEERING, PETROLEUM
Engineering	Energy Science & Engineering	NUCLEAR SCIENCE & TECHNOLOGY
Engineering	Energy Science & Engineering	THERMODYNAMICS
Engineering	Environmental Science & Engineering	ENGINEERING, ENVIRONMENTAL
Engineering	Environmental Science & Engineering	ENVIRONMENTAL SCIENCES
Engineering	Environmental Science & Engineering	ENVIRONMENTAL STUDIES
Engineering	Water Resources	WATER RESOURCES
Engineering	Food Science & Technology	FOOD SCIENCE & TECHNOLOGY
Engineering	Biotechnology	BIOTECHNOLOGY & APPLIED MICROBIOLOGY
Engineering	Aerospace Engineering	ENGINEERING, AEROSPACE
Engineering	Marine/Ocean Engineering	ENGINEERING, MARINE
Engineering	Marine/Ocean Engineering	ENGINEERING, OCEAN
Engineering	Transportation Science & Technology	TRANSPORTATION
Engineering	Transportation Science & Technology	TRANSPORTATION SCIENCE & TECHNOLOGY
Engineering	Remote Sensing	REMOTE SENSING
Engineering	Mining & Mineral Engineering	MINING & MINERAL PROCESSING
Engineering	Metallurgical Engineering	METALLURGY & METALLURGICAL ENGINEERING
Engineering	Textile Science and Engineering	MATERIALS SCIENCE, TEXTILES
Engineering	Artificial Intelligence	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE
Engineering	Artificial Intelligence	COMPUTER SCIENCE, CYBERNETICS
Engineering	Robotic Science & Engineering	ROBOTICS
Life Sciences	Biological Sciences	BIOCHEMICAL RESEARCH METHODS
Life Sciences	Biological Sciences	BIOCHEMISTRY & MOLECULAR BIOLOGY
Life Sciences	Biological Sciences	BIOLOGY
Life Sciences	Biological Sciences	BIOPHYSICS
Life Sciences	Biological Sciences	CELL BIOLOGY
Life Sciences	Biological Sciences	DEVELOPMENTAL BIOLOGY
Life Sciences	Biological Sciences	ENTOMOLOGY
Life Sciences	Biological Sciences	EVOLUTIONARY BIOLOGY
Life Sciences	Biological Sciences	GENETICS & HEREDITY
Life Sciences	Biological Sciences	LIMNOLOGY
Life Sciences	Biological Sciences	MARINE & FRESHWATER BIOLOGY
Life Sciences	Biological Sciences	MATHEMATICAL & COMPUTATIONAL BIOLOGY
Life Sciences	Biological Sciences	MICROBIOLOGY
Life Sciences	Biological Sciences	MYCOLOGY
Life Sciences	Biological Sciences	ORNITHOLOGY
Life Sciences	Biological Sciences	PHYSIOLOGY
Life Sciences	Biological Sciences	PLANT SCIENCES
Life Sciences	Biological Sciences	REPRODUCTIVE BIOLOGY
Life Sciences	Biological Sciences	VIROLOGY
Life Sciences	Biological Sciences	ZOOLOGY
Life Sciences	Human Biological Sciences	ANATOMY & MORPHOLOGY
Life Sciences	Human Biological Sciences	IMMUNOLOGY
Life Sciences	Human Biological Sciences	MEDICAL INFORMATICS
Life Sciences	Human Biological Sciences	MEDICINE, RESEARCH & EXPERIMENTAL
Life Sciences	Human Biological Sciences	NEUROSCIENCES
Life Sciences	Human Biological Sciences	PARASITOLOGY
Life Sciences	Human Biological Sciences	PATHOLOGY

Life Sciences	Agricultural Sciences	AGRICULTURE, DAIRY & ANIMAL SCIENCE
Life Sciences	Agricultural Sciences	AGRICULTURE, MULTIDISCIPLINARY
Life Sciences	Agricultural Sciences	AGRONOMY
Life Sciences	Agricultural Sciences	FISHERIES
Life Sciences	Agricultural Sciences	FORESTRY
Life Sciences	Agricultural Sciences	HORTICULTURE
Life Sciences	Agricultural Sciences	SOIL SCIENCE
Life Sciences	Veterinary Sciences	VETERINARY SCIENCES
Medical Sciences	Clinical Medicine	ALLERGY
Medical Sciences	Clinical Medicine	ANDROLOGY
Medical Sciences	Clinical Medicine	ANESTHESIOLOGY
Medical Sciences	Clinical Medicine	AUDIOLOGY & SPEECH-LANGUAGE PATHOLOGY
Medical Sciences	Clinical Medicine	CARDIAC & CARDIOVASCULAR SYSTEMS
Medical Sciences	Clinical Medicine	CLINICAL NEUROLOGY
Medical Sciences	Clinical Medicine	CRITICAL CARE MEDICINE
Medical Sciences	Clinical Medicine	DERMATOLOGY
Medical Sciences	Clinical Medicine	EMERGENCY MEDICINE
Medical Sciences	Clinical Medicine	ENDOCRINOLOGY & METABOLISM
Medical Sciences	Clinical Medicine	GASTROENTEROLOGY & HEPATOLOGY
Medical Sciences	Clinical Medicine	GERIATRICS & GERONTOLOGY
Medical Sciences	Clinical Medicine	GERONTOLOGY
Medical Sciences	Clinical Medicine	HEMATOLOGY
Medical Sciences	Clinical Medicine	INTEGRATIVE & COMPLEMENTARY MEDICINE
Medical Sciences	Clinical Medicine	MEDICINE, GENERAL & INTERNAL
Medical Sciences	Clinical Medicine	OBSTETRICS & GYNECOLOGY
Medical Sciences	Clinical Medicine	ONCOLOGY
Medical Sciences	Clinical Medicine	OPHTHALMOLOGY
Medical Sciences	Clinical Medicine	ORTHOPEDICS
Medical Sciences	Clinical Medicine	OTORHINOLARYNGOLOGY
Medical Sciences	Clinical Medicine	PEDIATRICS
Medical Sciences	Clinical Medicine	PERIPHERAL VASCULAR DISEASE
Medical Sciences	Clinical Medicine	PSYCHIATRY
Medical Sciences	Clinical Medicine	REHABILITATION
Medical Sciences	Clinical Medicine	RESPIRATORY SYSTEM
Medical Sciences	Clinical Medicine	RHEUMATOLOGY
Medical Sciences	Clinical Medicine	SURGERY
Medical Sciences	Clinical Medicine	TRANSPLANTATION
Medical Sciences	Clinical Medicine	TROPICAL MEDICINE
Medical Sciences	Clinical Medicine	UROLOGY & NEPHROLOGY
Medical Sciences	Public Health	ERGONOMICS
Medical Sciences	Public Health	HEALTH CARE SCIENCES & SERVICES
Medical Sciences	Public Health	HEALTH POLICY & SERVICES
Medical Sciences	Public Health	INFECTIOUS DISEASES
Medical Sciences	Public Health	NUTRITION & DIETETICS
Medical Sciences	Public Health	PRIMARY HEALTH CARE
Medical Sciences	Public Health	PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH
Medical Sciences	Public Health	SOCIAL SCIENCES, BIOMEDICAL
Medical Sciences	Public Health	SUBSTANCE ABUSE
Medical Sciences	Dentistry & Oral Sciences	DENTISTRY, ORAL SURGERY & MEDICINE
Medical Sciences	Nursing	NURSING
Medical Sciences	Medical Technology	MEDICAL LABORATORY TECHNOLOGY
Medical Sciences	Medical Technology	NEUROIMAGING
Medical Sciences	Medical Technology	RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING
Medical Sciences	Pharmacy & Pharmaceutical Sciences	CHEMISTRY, MEDICINAL
Medical Sciences	Pharmacy & Pharmaceutical Sciences	PHARMACOLOGY & PHARMACY
Medical Sciences	Pharmacy & Pharmaceutical Sciences	TOXICOLOGY
Social Sciences	Economics	ECONOMICS

Social Sciences	Statistics	STATISTICS & PROBABILITY
Social Sciences	Law	CRIMINOLOGY & PENOLOGY
Social Sciences	Law	LAW
Social Sciences	Political Sciences	INTERNATIONAL RELATIONS
Social Sciences	Political Sciences	POLITICAL SCIENCE
Social Sciences	Sociology	DEMOGRAPHY
Social Sciences	Sociology	FAMILY STUDIES
Social Sciences	Sociology	SOCIAL ISSUES
Social Sciences	Sociology	SOCIOLOGY
Social Sciences	Sociology	WOMENS STUDIES
Social Sciences	Education	EDUCATION & EDUCATIONAL RESEARCH
Social Sciences	Education	EDUCATION, SCIENTIFIC DISCIPLINES
Social Sciences	Education	EDUCATION, SPECIAL
Social Sciences	Communication	COMMUNICATION
Social Sciences	Psychology	BEHAVIORAL SCIENCES
Social Sciences	Psychology	PSYCHOLOGY
Social Sciences	Psychology	PSYCHOLOGY, APPLIED
Social Sciences	Psychology	PSYCHOLOGY, BIOLOGICAL
Social Sciences	Psychology	PSYCHOLOGY, CLINICAL
Social Sciences	Psychology	PSYCHOLOGY, DEVELOPMENTAL
Social Sciences	Psychology	PSYCHOLOGY, EDUCATIONAL
Social Sciences	Psychology	PSYCHOLOGY, EXPERIMENTAL
Social Sciences	Psychology	PSYCHOLOGY, MATHEMATICAL
Social Sciences	Psychology	PSYCHOLOGY, MULTIDISCIPLINARY
Social Sciences	Psychology	PSYCHOLOGY, PSYCHOANALYSIS
Social Sciences	Psychology	PSYCHOLOGY, SOCIAL
Social Sciences	Business Administration	BUSINESS
Social Sciences	Business Administration	INDUSTRIAL RELATIONS & LABOR
Social Sciences	Finance	BUSINESS, FINANCE
Social Sciences	Management	MANAGEMENT
Social Sciences	Management	OPERATIONS RESEARCH & MANAGEMENT SCIENCE
Social Sciences	Public Administration	PUBLIC ADMINISTRATION
Social Sciences	Hospitality & Tourism Management	HOSPITALITY, LEISURE, SPORT & TOURISM
Social Sciences	Library & Information Science	INFORMATION SCIENCE & LIBRARY SCIENCE