

Primary Field of Study	Sub-Fields of Study
Chemistry	<p>Chemistry 1 Chemical Catalysis Macromolecular, Supramolecular, and Nanochemistry</p> <p>Chemistry 2 Chemical Measurement and Imaging Chemical Structure, Dynamics, and Mechanism Chemical Theory, Models, and Computational Methods Environmental Chemical Systems Sustainable Chemistry</p> <p>Chemistry 3 Chemistry of Life Processes</p> <p>Chemistry 4 Chemical Synthesis</p>
Computer and Information Sciences & Engineering	<p>Computer Science 1 Bioinformatics and other Informatics Data Mining and Information Retrieval Databases Graphics and Visualization Human-Computer Interaction Machine Learning Natural Language Processing Robotics and Computer Vision</p> <p>Computer Science 2 Algorithms and Theoretical Foundations Communication and Information Theory Computational Science and Engineering Computer Architecture Computer Networks Computer Security and Privacy Computer Systems and Embedded Systems Formal Methods, Verification, and Programming Languages Software Engineering</p>
Engineering	<p>Aerospace and Other Engineering Fields Aeronautical and Aerospace Engineering</p>

Energy Engineering
Nuclear Engineering
Optical Engineering
Systems Engineering

Bioengineering

Bioengineering

Biomedical Engineering

Biomedical Engineering

Chemical Engineering

Chemical Engineering
Polymer Engineering

Civil & Environmental Engineering

Civil Engineering
Environmental Engineering
Ocean Engineering

Computer & Electrical Engineering

Computer Engineering
Electrical and Electronic Engineering

Materials Engineering

Industrial Engineering and Operations Research
Materials Engineering

Mechanical Engineering

Mechanical Engineering

Geosciences

Geosciences 1

Aeronomy
Atmospheric Chemistry
Climate and Large-Scale Atmospheric Dynamics
Magnetospheric Physics
Paleoclimate
Physical and Dynamic Meteorology
Solar Physics

Geosciences 2

Geobiology
Geochemistry

Geodynamics
Geomorphology
Geophysics
Glaciology
Hydrology
Paleontology and Paleobiology
Petrology
Sedimentary Geology
Tectonics

Geosciences 3

Biogeochemistry
Biological Oceanography
Chemical Oceanography
Marine Biology
Marine Geology and Geophysics
Physical Oceanography

Life Sciences

Biochemistry, Biophysics, and Structural Biology

Biochemistry
Biophysics
Structural Biology

Cell Biology

Cell Biology

Ecology

Ecology
Environmental Biology

Evolutionary Biology and Systematics

Biodiversity
Evolutionary Biology
Systematics

Genetics, Genomics, and Proteomics

Bioinformatics and Computational Biology
Genetics
Genomics
Proteomics

Microbial Biology

Microbial Biology

Molecular and Systems Biology

Molecular Biology

Systems Biology

Neurosciences

Neurosciences

Physiology, Organismal and Developmental Biology

Developmental Biology

Organismal Biology

Physiology

Materials Research

Materials Research

Biomaterials

Ceramics

Chemistry of materials

Electronic materials

Materials theory

Metallic materials

Photonic materials

Physics of materials

Polymers

Mathematical Sciences

Mathematical Sciences 1

Algebra, Number Theory, and Combinatorics

Analysis

Geometric Analysis

Logic or Foundations of Mathematics

Probability

Statistics

Topology

Mathematical Sciences 2

Applied Mathematics

Biostatistics

Computational and Data-enabled Science

Computational Mathematics

Computational Statistics

Mathematical Biology

Medicine

Medical Research

Physics and Astronomy

Physics 1 and Astronomy

Astronomy and Astrophysics

Atomic, Molecular, and Optical Physics

Nuclear

Plasma

Physics 2

Condensed Matter Physics

Particle Physics

Physics of Living Systems

Solid State

Theoretical Physics

Psychology

Psychology 1

Cognitive Psychology

Cognitive Neuroscience

Computational Psychology

Psycholinguistics

Psychology 2

Developmental

Experimental or Comparative

Neuropsychology

Perception and Psychophysics

Physiological

Quantitative