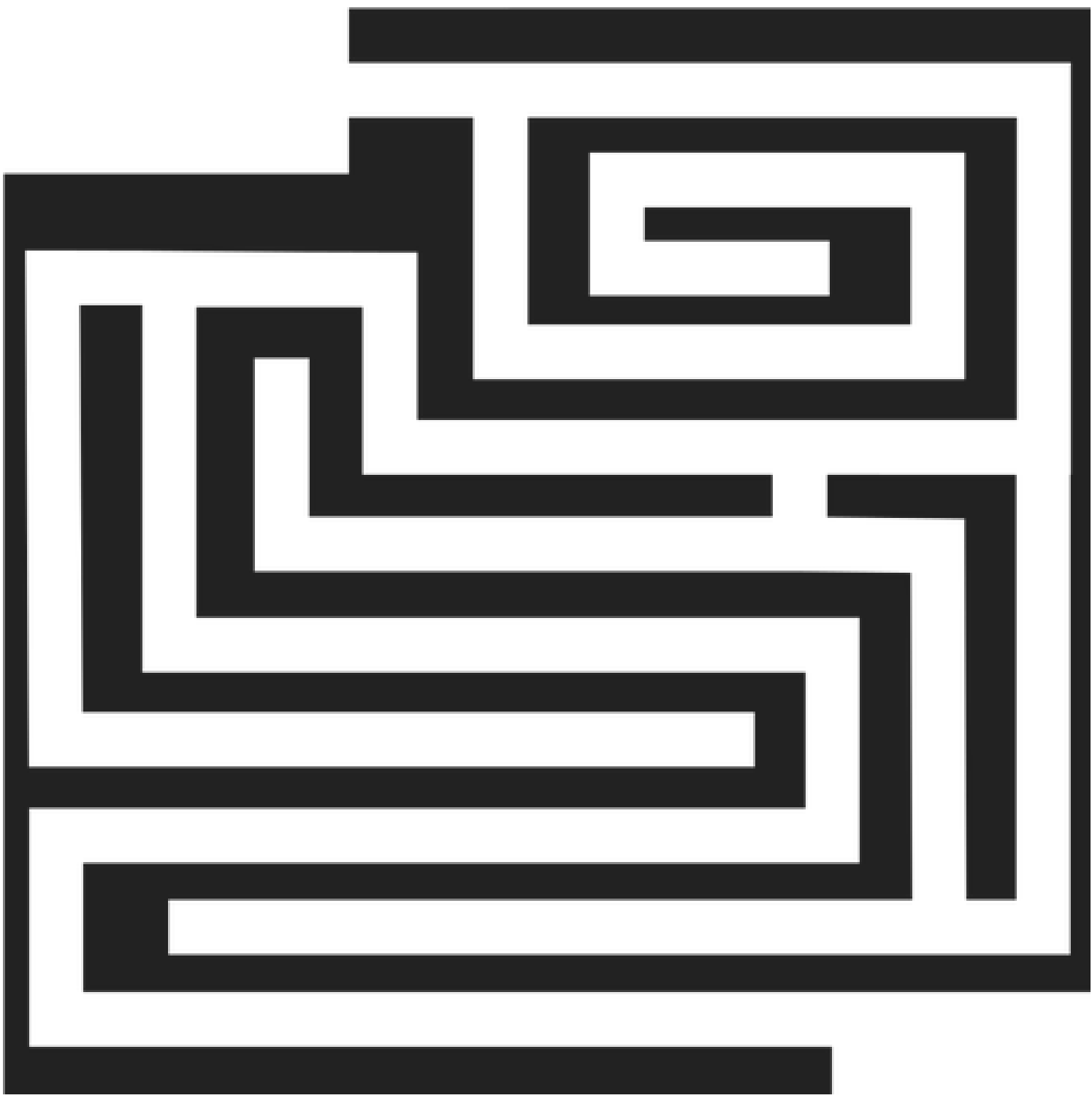


# **CAREERS IN SCIENCE**



# MATHEMATICS $\pi$

## Top Math Careers

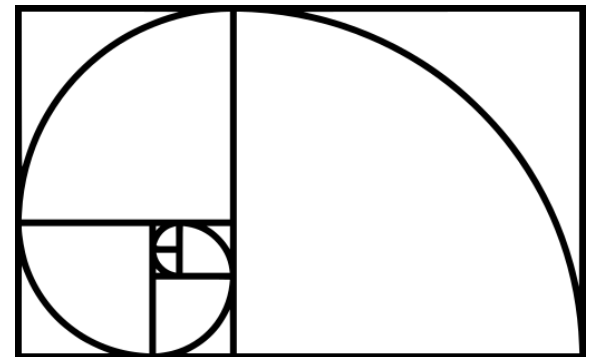
Data Scientist  
Statistician  
Mathematician  
Operations Research Analyst  
Actuary  
University Professor

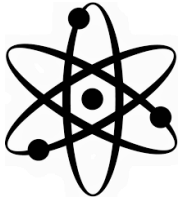
## Employment Sectors

Education  
Academic Research  
Logistics  
Insurance  
Banking & Finance  
Government  
Engineering Industry  
Health Services  
Real Estate  
Transportation

## Other Careers

Teaching  
Imaging Science  
Gaming/Slot Machines  
Financial Planning & Investment  
Video Game Developers  
Computational Biology/  
Information Research Science  
Algorithm Design  
Parallel Programming  
Virtual Environments  
Simulation Engineering  
Medical Modeling Systems  
Cryptography  
Commercial Litigation  
Computer Animator  
Analysis  
Economist  
Process Analyst  
Bioinformatics





# PHYSICS

## BIOPHYSICS/CHEMICAL PHYSICS

Research  
Development  
Consulting  
Administration  
Patent Agent  
Computational Scientist

## ASTRONOMY/ASTROPHYSICS

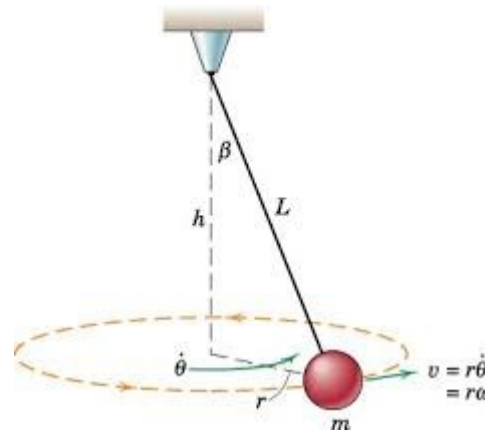
Research  
Consulting  
Writing  
Public relations  
Education  
Solar Physics

## Other

Technical Writing  
Science Journalism  
Accelerator Operator  
Energy Policy Analyst

## MEDICAL/ HEALTH PHYSICS

Research  
Development  
Clinical Service  
Monitoring



## EDUCATION

Secondary  
Post-Secondary

## ENGINEERING PHYSICS

Research  
Quality control  
Development  
Instrumentation  
Consulting  
Process & Testing  
Laser Engineer  
Optical Engineer  
Acoustical Engineer

## NUCLEAR PHYSICS

Nuclear Power  
Medical Equipment Design  
Research & Development  
Consulting  
Instrumentation  
Weapons Inspection

# GEOLOGY

## ENERGY

Stratigraphy  
Sedimentology  
Structural Geology  
Geophysics  
Geochemistry  
Economic Geology  
Paleontology  
Fossil Energy  
Hydrogeology

## ENVIRONMENTAL GEOLOGY

Sedimentology  
Hydrogeology  
Shallow Geophysics  
Coastal & Marine Geology  
Geochemistry  
Oceanography  
Environmental Geology  
Pollution Control  
Water Supplies

## PLANETARY SCIENCES

Remote Sensing  
Geomorphology  
Minerology  
Petrology  
Geochemistry  
Glacial Geology

## EDUCATION

Secondary  
Post-Secondary

## MINERALS

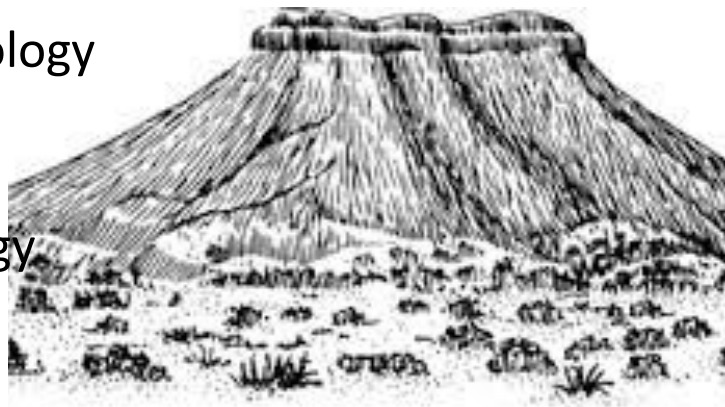
Mining  
Engineering  
Mineralogy  
Geochemistry  
Sedimentology  
Crystallography  
Economic Geology

## HAZARDS

Geotechnical Engineering  
Field Seismology  
Volcanology  
Geomorphology  
Geological Engineering  
Ground Investigation

## GEOLOGICAL MAPPING

Structural Geology  
Stratigraphy  
Remote sensing  
Geophysics  
Geological Surveying





# FORENSIC SCIENCE

## CRIMINALISTICS

Crime Scene Reconstruction & Mapping  
Fingerprint Examination  
Ballistics  
Trace Evidence Collection  
Fire & Explosives Investigation  
Trace Evidence Investigation  
DNA Collection & Analysis  
Polygraph Exams  
Drug Analysis  
Photography  
Bloodstain Pattern Analysis  
Wildlife Forensics  
Digital & Computer Investigation

## DOCUMENTS

Examination/Analysis  
Comparison  
Authentication  
Dating  
Alteration Detection  
Restoration

## TOXICOLOGY

Ante-Mortem Investigation  
Post-Mortem Investigation  
Drug Testing  
Human Performance Monitoring  
Animal Performance Monitoring  
Environmental Contamination

## ODONTOLOGY

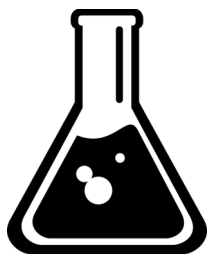
Post-Mortem ID  
Age Estimation  
Bite Mark Analysis

## PATHOLOGY

## FORENSIC ANTHROPOLOGY

## FORENSIC PSYCHOLOGY





# CHEMISTRY

## ANY CHEMISTRY DISCIPLINE

Product Development  
Process Development  
Analysis  
Testing  
Biotechnology  
Consulting  
Quality Assurance  
Quality Control  
Management  
Environmental Analysis

## OTHER

Sales  
Marketing  
Technical Writing  
Scientific Journalism  
Scientific Illustration  
Intellectual Property Law  
Informational Specialists

## HEALTHCARE

Medicine  
Dentistry  
Optometry  
Podiatry  
Pharmacy  
Veterinary Medicine

## BIOCHEMISTRY

Healthcare  
Pharmaceuticals  
Environment  
Agriculture  
Food Science  
Cosmetics

## INORGANIC/ORGANIC CHEMISTRY

Synthesis  
Fuels  
Energy  
Water Chemistry  
Hazardous Wastes  
Materials Science  
Toxicology  
Pharmacology  
Consumer Products  
Environmental Regulation

## EDUCATION

Secondary  
Post-Secondary

# ENVIRONMENTAL SCIENCE

## PLANNING and CONSERVATION

Natural Resource Management  
Sustainability Management  
Aviation Planning  
Transportation Planning  
Building/Zoning  
Land Acquisition  
Recreation Management  
Park/Reserve Management  
Waste Reduction, Recycling, & Disposal

## SOIL SCIENCE

Soil & Water Conservation  
Land Use Planning  
Environmental Engineering  
Environmental Compliance  
Reclamation of Contaminated Land  
Agrichemical Management

## EDUCATION

Secondary  
Post-Secondary

## AIR/WATER QUALITY MANAGEMENT

Testing/Analysis  
Watershed Management  
Stream Restoration  
Sustainable Infrastructure  
Risk Assessment  
Project Development  
Compliance

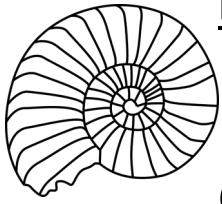
## ENVIRONMENTAL REMEDIATION

Ground & Surface Water  
Soil, Air, Sediments  
Remediation  
Liability  
Audit  
Compliance  
Sustainability

## LAW

Environmental Policy  
Environmental Law





# BIOLOGY

## HEALTHCARE

Medicine  
Dentistry  
Optometry  
Podiatry  
Pharmacy  
Veterinary Medicine  
Applied Health:  
Occupational Therapy  
Physical Therapy  
Genetic Counselor

## ECOLOGICAL BIOLOGY

Botany  
Ecology  
Conservation Biology  
Entomology  
Genetics  
Taxonomy  
Zoology

## RESEARCH

Basic  
Applied  
Quality Control  
Administration  
Grant Writing

## LAW

Lobbying  
Regulatory Affairs  
Science Policy  
Patent Law  
Environmental Law  
Mediation  
Government Agency Roles

## EDUCATION

Secondary  
Post-Secondary

## COMMUNICATION

Science Writing  
Technical Writing  
Editing  
Illustration  
Photography  
Public Relations

## BUSINESS/INDUSTRY

Technical Sales  
Pharmacology  
Pharmaceutical Sales  
Biotechnology  
Management  
Consulting  
Marketing

