

## WHAT CAN I DO WITH A MAJOR IN MATHEMATICS?

**Mathematics based employment is growing so quickly. These are fields you may want to consider.”**

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- Industrial Jobs
  - Manufacturing
  - Transportation
  - Aerospace
  - Communications
  - Machinery/Robotics
  - Electrical Equipment
  - Pharmaceuticals
- Insurance
  - Actuarial Work
  - Risk Management
- • Government Jobs
  - Federal Agencies such as Defense, Labor, Agriculture. Treasury, NASA
- Computers
  - Computer hardware and software firms
  - Customer software builders
  - Financial institutions

# WHAT CAN I DO WITH A MAJOR IN MATHEMATICS? (OTHER FIELDS USING MATHEMATICS)

- Securities
  - National/Regional Brokerage Firms
  - Commercial Banks
  - Financial Organizations
- Banking
  - Regional Banks
  - Savings and Loans
  - Credit Unions
- Education
  - Public Schools
  - Private Schools
  - Colleges/Universities

## JOBS IN THE FIELD OF NURSING

“There are a wide range of registered nurses working in a variety of areas.”

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- General Work Setting
  - Operating Rooms
  - Emergency/Trauma Centers
  - Critical Care
  - Home Health Care
  - Hospice
  - Occupational Health
  - Radiology
  - Mental Health
- Well Defined Populations
  - Pediatrics
  - Adults
  - Geriatrics
- Specific Health Conditions
  - Cardiovascular
  - Diabetes Management
  - Addictions Treatment
  - HIV/AIDS Care
- Organ/Body Systems
  - Gastroenterology
  - Gynecology
  - Dermatology
  - Orthopedic
  - Urology
  - Respiratory
- Advanced Practice Nursing
  - Nurse Anesthesiology
  - Nurse Practitioner in Family, Adult, Women’s Health, Pediatric, Neonatal, Geriatric, and Mental Health

## EMPLOYERS OF REGISTERED NURSES

“As diversified as the work settings are for nurses, so are the possible employers.”

- Clinics/Medical Centers
- Physicians' Offices
- Outpatient Surgery
- Home Health Agencies
- Rehabilitation Centers
- Hospice
- Dialysis Centers
- Diabetes Care Clinics
- Psychiatric Hospitals
- Educational Institutions
- Summer Camps
- Large Corporations
- Correctional Facilities
  
- Other Areas
  - Insurance Companies
  - Law
  - Forensic Nursing
  - Health Care Administration
  - Information Management
  - Patient Advocacy
  
- Other Employers
  - Tele-health
    - ... Call Centers
    - ... Health Maintenance Organizations
  - Nursing Research
    - ... Large Hospitals
    - ... Colleges/Universities
    - ... Pharmaceutical Companies
  - Education
    - ... Teaching Hospitals
    - ... Schools of Nursing
  - International Health
    - ... Military Bases
    - ... Humanitarian Organizations
    - ... Church-Related Humanitarian Services
    - ... World Health Organization

# WHAT CAN I DO WITH A MAJOR IN BIOLOGY?

- Biomedical Sciences
  - Biophysics
  - Biochemistry
  - Cellular Biology
  - Genetics
  - Immunology
  - Pathology
  - Pharmacology
  - Physiology
  - Virology
- HealthCare
  - Medicine
  - Dentistry
  - Optometry
  - Pharmacy
  - Veterinary Medicine
  - Allied Health
    - .. Occupational Therapy
    - .. Physical Therapy
  - Medical Technology
  - Nuclear Medicine

# ADDITIONAL BIOLOGY FIELDS!!

- Bioinformatics
  - Statistical Research
  - Information Management/Retrieval
- Education
  - Teaching
    - ... Secondary Level
    - ... College Level
- Business/Industry
  - Pharmaceutical Sales
  - Management
  - Consulting
  - Marketing
- Communication
  - Technical Writing
  - Illustrating
  - Photography
- Legislation/Law
  - Science Policy
  - Patent Law
  - Environmental Law
- Organismal Biology
  - Botany and Plant Sciences
  - Ecology and Wildlife
  - Marine and Aquatic
  - Systematic Biology
  - Zoology
  - Entomology
  - Genetics
  - Microbiology
    - ... Bacteria, algae, fungi, molds, yeast, viruses