CAREER OPPORTUNITIES FOR NATURAL SCIENCE MAJORS

SKILLS & ABILITIES OF THE NATURAL SCIENCE MAJOR

**Skills** (depends on chosen career path)
- Critical Thinking
- Ethical Reasoning
- Active Listening
- Social Perceptiveness
- Problem Sensitivity
- Complex Problem Solving
- Judgment and Decision-Making
- Research Observation & Analysis
- Strong Science Background
- Problem Solving

**Knowledge**
- Chemistry
- Biology
- Physics

**Abilities**
- Research Methods
- Anatomy
- Physiology
- Lab Equipment
- Statistics
- Written / Oral Communication—Ability to effectively communicate with individuals from varying backgrounds
- Close Attention to Detail
- Work Ethic—Ability to work methodically and accurately
- Manage Research Projects—Evaluate and analyze study findings
- Self-Manage—Occasionally work independently

POTENTIAL CAREERS

**Entry-level**
- Environmental Health Counselor
- Food & Drug Administrator
- Hospital Administrator
- Industrial Researcher
- Public Health Educator
- Consulting
- Clinical Research Assistant
- Pharmaceutical Sales
- Forensics
- Laboratory Technician

**Advanced degree required**
- Veterinary Medicine
- Optometry
- Osteopathic Medicine
- Pharmacy
- Physical Therapy
- Podiatry
- Physician Assistant
- Professor
- Dentist
TYPES OF EMPLOYERS
- Hospital & Clinics
- Research Organizations
- Veterinary Clinics
- Public Health Organizations
- Non–Profits
- Universities and/or Colleges
- Local, state & government agencies
- Pharmaceutical Organizations
- Political Parties
- Professional Associations
- Print and Electronic Media
- Nonprofit Organizations

POTENTIAL COURSES STUDIED
- Biology
- Chemistry
- Physics
- Organic Chemistry
- Statistics
- Calculus
- Psychology
- Human Physiology
- Vertebrate Physiology
- Genetics
- Human Anatomy
- Medical Ethics
- Biochemistry
- Research Methodology
- Applied Research

ADDITIONAL RESOURCES
- American Student Dental Association
- American Academy of Physician Assistants
- American Association of Colleges of Osteopathic Medicine
- American Physical Therapy Association
- American Veterinary Medicine Association
- Xavier University Pre-Health Advising

Sources: Xavier University’s College of Arts & Sciences website and University of Durham—Dept. of Natural Science, Occupational Outlook Handbook