Deciding on a major can involve a lot of research and time. This publication is designed to be a resource for you to gain some information about various majors offered at the University of Pittsburgh at Greensburg and how these majors can prepare you for specific career fields.

I'm Undecided...how do I make a major decision?

Some points to consider:
What are you interested in? What are your skills? Are there any particular classes you have liked? Remember...narrowing down your options can also include determining you don't like something.

- Explore your interests—shadow, informational interviews, volunteer work
- Take a introductory course to gain an overview of the major
- Consider taking an interest inventory or speaking to a career counselor
- Speak to a faculty member about the major
- Go to a Majors Meeting
- Listen to a career-related speaker
- Join an organization on campus related to your interest

Examination Time
Science & Math...
What do you think?

A. NOT FOR ME!
B. Undecided, but have a few interests I'm looking at
C. Decided, love math and science, but I'm not sure what the career options are
D. Decided and preparing for an internship

Undecided about your major or career path?
Check out the one-credit Career Exploration course in the Fall!

Natural Science—What does it include?

Pitt-Greensburg Majors/Minors under the umbrella of Natural Science include:

- Actuarial Science
- Biology
- Chemistry
- Computer Science
- Environmental Science
- Information Science
- Mathematics
- Statistics
- Pre-Engineering, Pre-Health & Rehab Sciences, &
- Pre-Pharmacy (Relocation Programs)

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Natural Sciences: What Kind of Career Options Do I Have?

Your academic coursework + experience in the field will help you to be competitive in the job market. Below are some examples of career areas that may be of interest. If a particular area interests you, look into career strategies (majors/minors) and any advanced degrees/certifications that maybe necessary to enter the field.

Some career areas include...

**Biology:** Biotechnology, Genetics, Microbiology, Mycology, Systematic Biology, Entomology, Marine and Aquatic Biology, Zoology, Biomedical, Technical Writing, Illustration, Technical Sales, Biological Photography, and Legislation

**Chemistry:** Analytical, Biochemical, Organic, Geochemistry, Inorganic, Polymer Chemistry, Physical, Education, Business, Technical Writing, Law, and Information Specialists/Technical Libraries


Want to find out more?

**Shadowing:** Short-term period of observation for the purpose of learning more about a career of interest. The observation may last between a few hours or up to weeks in duration. Shadowing provides an opportunity to ask questions, seek suggestions, and gain insight into a career field.

**Informational Interview:** Opportunity to discuss a career with a professional in the field of study. The interview may take place in person, over the phone, or via email. Informational interviews may be combined with a shadowing experience or conducted alone for the student to gain insight into the field.
### Where Have the Graduates Gone?

#### Applied Mathematics
- Bettis Atomic Laboratory: Associate Scientist
- Lennon, Smith, Souleret Engineering, Inc.: Engineering Technician
- Liberty Mutual: Actuarial Assistant
- Psychology Software Tools, Inc.: Software Engineer
- Raike Financial: Stockbroker, buy and sell investments
- St. Paul School for Girls: Upper School Math/Computer Science Teacher
- U.S. Army Communications & Defense Department: Mathematician & Project Manager
- WBI Investments: Trader & Research Analysis

#### Biology
- Antech Ltd.: Chemist I
- Central Blood Bank: Lab Technician
- Children’s Hospital of Pittsburgh: Research Technician
- Institute for Transfusion Medicine: Lab Tech III
- Kennametal, Inc.: Product Safety and Environmental Administrator
- Lancaster Laboratories: Chemist
- Latrobe Brewing Company: Pharmaceutical Project Manager Specialist
- Lonza, Inc.: Quality Control
- Shadyside Hospital/Children’s Hospital: Cell Therapy Core Technician
- South Hills Health System: Graduate Student/PT Aide
- University of Pittsburgh: Lab Specimen Processor for Hospital
- UPMC Pasavant Hospital: Molecular Genetics & Biochemistry Research Specialist
- U.S. Army Communications & Defense Department: Nursing Assistant

#### Information Science
- Adelphi Village: PC Specialist
- Best Buy Geek Squad: Double Agent
- Computer Centerline: Network Engineer
- Corzan Consulting: Information Services and Finance Coordinator

#### Natural Science
- Breeze Industrial Products: Product Development Engineer
- Dominion Retail: Lead Systems Analyst
- Laurelville Mennonite Church Center: Outdoor Education Supervisor
- McTish Kunkel & Associates: Environmental Manager
- Plextronics, Inc.: Technical Office Administrator
- WPAHS: Specimen Processor

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### Resources for Research

**WAVA Volunteer Opportunities:** [www.volunteerwestmoreland.org](http://www.volunteerwestmoreland.org)

**Student Volunteer Outreach Opportunities:** [www.svo.pitt.edu](http://www.svo.pitt.edu)

**What Can I Do With a Major In...?**
(see Career Services website at [http://www.greensburg.pitt.edu/careerservices/careerservices_step1#interests](http://www.greensburg.pitt.edu/careerservices/careerservices_step1#interests) under Research Your Options)


**America’s Career Info Net** [http://www.acinet.org/](http://www.acinet.org/)