

Natural Sciences Majors

See www.uni.edu/pos/ and www.uni.edu/infosys/majors/

Air Quality
Anthropology
All Science Teaching
Applied Physics
Applied Physics/Engineering-Dual Degree
Athletic Training
Biochemistry
Bioinformatics
Biology
 Biomedical Emphasis
 Ecology and Systematics Emphasis
 Plant Bioscience
 Microbiology Emphasis
 Biotechnology
Biology Teaching
Chemistry
 Chemistry-Marketing
 Biochemistry Emphasis
 Environmental Emphasis
Chemistry Teaching
Communicative Disorders
Computer Information Systems
Computer Science
Construction Management
Criminology
Earth Science
 Interpretive Naturalist Emphasis
Earth Science Teaching
Electrical and Information Engineering Technology (EIET)
General Studies
Geography
 Environmental Emphasis
 Geographic Information Science Emphasis
Geography Teaching
Geology (B.A. or B.S.)
Geology – Environmental Science Emphasis
Graphic Communications
Health Promotion: Science Intensive/Environmental Health
Individual Studies
Interior Design
Management Information Systems
Manufacturing Technology
 Automation and Production
 Manufacturing Design
 Metal Casting
Mathematics
 Applied
 Statistics & Actuarial Science
Mathematics Teaching
Middle/Junior High Science
Networking System Administration
Philosophy
Physics
Physics Teaching
Psychology
Science Teaching
Technology Education and Training
Technology Management

Minors

Accounting
Anthropology
Astronomy
Basic Science Teaching
Biology

Business Communication
Chemistry
Communication Studies
Communication/Journalism
Communication/Public Relations
Computer Information Systems
Computer Science
Criminology
Earth Science
Economics
Electrical and Electronics Technology (EET)
English (Literature or Film Studies)
Environmental Studies
Ethics
General Business Concepts
Geography
Geology
Graphic Communications
Health Promotion/Health Education
Instructional Technology
International Affairs
Leadership Studies
Marketing
Mathematics
Media
Meteorology
Military Science
Modern Languages
Natural History Interpretation
Philosophy
Physics
Political Science
Politics and Law
Psychology
Religion
Speech Language-Hearing Science
Statistics and Actuarial Science
Technology Education and Training
Technology Management
Textile and Apparel
Women's and Gender Studies
Writing

Certificates

Cartography and Geographic Information Systems
Community Economic Development (for Business or Non-Business majors)
Computer Applications
Entrepreneurship (for Business or Non-Business majors)
Environmental Health
Global Health and Health Disparities
Industrial and Organizational Psychology
International Business
International Commerce
Language Studies: French, German, Hispanic and Portuguese, Russian, Spanish
Leadership Foundations
Long Term Care
Marketing Research Consulting
Non-profit Management and American Humanities
Outdoor Recreation
Post-Colonial and Multicultural Literary Studies
Public Speaking
Skills in Social Research
Spanish for Special Purposes
Technology Management
Training & Development in Business
Translation: French, German, Portuguese, Russian, Spanish

Sample Internships/Cooperative Education

Contact Cooperative Education Office (273-6041) www.uni.edu/acs

Actuarial Intern
CAD Technician
Casting Engineer
Chemical Analyst
Computer Help Desk
Computer Technician
Cost Engineering Intern
DNR – Big Marsh Unit Volunteer
Desktop Publisher
Engineering Analyst
Environmental Health Intern
Foundry Specialist
Graphic Artist
Laboratory Assistant
Metal Test Intern
Natural Resources Aide
Network Support Administrator
OSHA Training and Compliance Officer
Pattern Design Intern
Pharmacy Technician
Physical Therapy Aide
Printing Operations Intern
Science Communicator
Quality Technician
Software Engineer
Veterinary Assistant

Related Campus Activities

See Student Organization Directory or www.uni.edu/maucker

Actuarial Club
American Foundrymen's Society
American Marketing Association
Association of Information Technology
Beta Beta Beta (Biology)
Biology Club
Biotechnology Club
Cedar Valley Linux Users Group
Club SOLE (Student Outdoor Leadership Education)
Collegiate Entrepreneurs Organization
Computer Club
Dean's Student Advisory Committee (Natural Science)
Graphic Communications Club
Habitat for Humanity
Institute of Electrical and Electronics Engineers
Inter Fraternity Council / PanHellenic Council
Kappa Mu Epsilon (Mathematics)
Management Information Systems Association
Mathematics Club
Microbiology Club
National Association of Industrial Technology
National Management Association
Northern Iowa Natural History Interpreters
Northern Iowa Student Government
Pages of Promise
Physics Club
Pi Sigma Epsilon (Marketing/Sales)
Pre-Dental Club
Pre-Law Club
Pre-Medical Club
Pre-Mortuary Club
Pre-Optometry Club
Pre-Pharmacy Club
Pre-Physical Therapy Club
Pre-Physician Assistant Club
Pre-Veterinary Club

Residence Hall Governments and Boards
Rotaract
Society of Manufacturing Engineers
Student Affiliates of the American Chemical Society
Student Environmental Action Committee
Student Health Advisory Committee
Student Leadership Association
Student Nature Society
Student Pugwash
Student Research & Consulting Center
Students for the Advancement of Science Education
Teaching Educators About Math (TEAM)
Technology Education Collegiate Association
UNI Colleges Against Cancer
UNI Construction Management Club
UNI Mac User Group
UNI Student Chapter of National Science Teachers Association

Sample Jobs

See *Career Cruising*, [Dictionary of Occupational Titles](#) or [Occupational Outlook Handbook](#)

Actuary
Agricultural Scientist
Air Pollution Engineer
Aircraft Technician
Anthropologist
Archaeologist
Architect
Astronomer
Atmospheric Scientist
Bacteriologists
Biochemist
Botanist
CAD Drafter
Cartographer
Climatologist
Computer Designer
Computer Engineer
Computer Programmer
Conservationist
Construction Manager
Criminologist
Earth Scientist
Ecologist
Engineer
Environmental Educator/Activist
Food Scientist
Forester
Genetic Counselor
Geographer
Geologist
Horticulturist
Industrial Design
Information Systems Analyst
Landscape Architect
Mathematician
Metallurgist
Meteorologist
Natural Resource Manager
Oceanographer
Paleontologist
Park Ranger
Product Development
Risk and Insurance Manager
Robotics Technician
Statistician
Veterinarian
Wastewater Engineer
Zoologist

Contacts for Experience - Agencies & Businesses

Agricultural Products and Services
Allen Memorial Hospital 235-3941
American Red Cross 234-6831
Black Hawk County Conservation Board 266-6813
Black Hawk County Health Dept. 291-2413
Cedar Bend Humane Society 232-6887
Chemical Companies
Community Aided Design
Construction Products and Services
Covenant Medical Center 272-8000
Engineer and Architectural Firms
Environmental Testing
Habitat for Humanity 235-9946
Hartman Reserve 277-2187
Iowa Academy of Science 273-2021
Iowa Department of Natural Resources 1-563-927-3276
Iowa Waste Reduction Center 273-8905
Iowa Workforce Development 235-1471
Manufacturing Firms
Metal Casting and Foundries
Metal Processing and Recycling Firms
Native Roadside Vegetation Center 273-2238
Nurseries/Landscape Contractors
People's Community Health Clinic 272-4300
Printers
Publishers
Sartori Memorial Hospital 268-3000
Social Security Administration 1-800-772-1213
Tallgrass Prairie Center 273-3005
Testing Laboratories
Tool Designers/ Suppliers
Utilities
Volunteer Center of Cedar Valley www.vccv.org
Waterloo Water Pollution/Flood Control 291-4554
Wildlife Sanctuaries and Zoos

University Offices & Programs

Academic Achievement 273-2346
Academic Services 273-6023
Ag-Based Industrial Lubricants Research 352-5218
American Journal of Undergraduate Research 273-2420
Biology Department 273-2456
Biology Preserves Greenhouse 273-2247
Center for Energy & Environmental Education 273-2573
Chemistry Department 273-2437
College of Natural Sciences Electronic Shop 273-5933
Computer Science Department 273-2618
Culture & Intensive English Program 273-2182
Department of Residence 273-2333
Earth Science Department 273-2759
Geography Department 273-2772
Hillside Observatory 273-2759
Information Systems/Computing Services 273-5555
ITS Educational Technology 273-2309
 Audio Video 273-6299
 Multimedia Services 273-6292
 Production House 273-6192
Iowa Academy of Science 273-2021
Iowa Waste Reduction Center 273-8905
Mathematics Department 273-2631
Metal Casting Center 273-6894
National Student Exchange 273-2504
Native Roadside Vegetation Center 273-2238
Physics Department 273-2420
Plant Services 273-4400
Print Services 273-2448
Recycling & Reuse Technology & Transfer Center 273-3689
STORM Project 273-3788
Study Abroad 273-7078
Tallgrass Prairie Center 273-3005
Telephone Services 273-2436

Computer Resources

--Career Cruising

- Career exploration program on the web. Match yourself to careers, information, and great interviews with people on the job.
- On <http://www.uni.edu/acs>

--UNI Majors Search

- Describes majors, first courses in majors and career opportunities
- Student organizations related to majors
- Co-op/internships
- Career links
- On: www.uni.edu/infosys/majors/

--Career Interests Game

- Match interests, skills to careers
- Based on the Holland Self-Directed Search
- Match personality types with work environments and careers
- On:
<http://career.missouri.edu/students/explore/thecareerinterestsgame.php>

--Occupational Outlook Handbook

- On <http://www.bis.gov/oco/>

--Program of Study Web Site

- View UNI Major, Minor and Certificate requirements
- Request Hypothetical Degree Audit
 On: www.uni.edu/pos/
- Sample Plan of Study Templates
- Current degree audit available on MyUNiverse

