The Natural Sciences seek to explain phenomena that occur in the biological, physical, and chemical realm of nature on earth and in the universe.

It utilizes scientific methods, empirical data, and research to test hypothesis and propose theory to further an understanding of the natural world. The Natural Sciences provide a solid foundation for science practitioners as well as individuals seeking advanced degrees in related fields.

Click upon each major to begin exploring the career paths of USC Alumni and skills based on LinkedIn data.

**MAJORS**

- Applied and Computational Mathematics, B.A. & B.S.
- Astronomy, B.A. & B.S.
- Biochemistry, B.S.
- Biological Sciences, B.A. & B.S.
- Biophysics, B.S.
- Chemistry, B.A. & B.S.
- Computational Neuroscience, B.S.
- Earth Sciences, B.A.
- Economics/Mathematics, B.S.
- Environmental Science and Health, B.A. & B.S.
- Environmental Studies, B.A. & B.S.
- Geological Sciences, B.S.
- Human Biology, B.A. & B.S.
- Mathematics, B.A. & B.S.
- Neuroscience, B.A. & B.S.
- Physics, B.A. & B.S.
- Physics/Computer Science, B.S.
The path from major to career is rarely attributed to a single factor, event, decision, or influence. At times we pursue a path to career. Other times, we create a path. The following is a sampling of career-paths of USC Alumni and skills based on Linked-In data. Suggested USC co-curricular opportunities are provided.

**CAREERS**
- Accounting
- Administration
- Aerospace
- Arts and Design
- Business Development
- Communications
- Community and Social Services
- Computer software
- Consulting
- Department of Commerce
- Department of Defense
- Department of Energy
- Development
- Education
- Engineering
- Entrepreneurship
- Federal Aviation Administration
- Finance
- Government
- Healthcare Services
- Human Resources
- Information Technology
- Instrumentation
- Legal
- Marketing
- Media and Communication
- Military and Protective Services
- National Aeronautics and Space Administration
- National Oceanic and Atmospheric Administration
- Naval Observatory
- Naval Research Laboratory
- Nonprofit foundations
- Observatories
- Operations
- Planetariums
- Product Management
- Program and Project Management
- Public Relations
- Quality Assurance
- Quality Control
- Real Estate
- Remote sensing
- Research
- Sales
- Science museums
- Support
- Writing

**SKILLS**
- Aerospace
- Algorithms
- Analysis
- Astronomy
- C
- C++
- Data Analysis
- Engineering
- Engineering Management
- Integration
- Java
- Leadership
- Linux
- Management
- Matlab
- Microsoft Excel
- Microsoft Office
- Physics
- Program Management
- Programming
- Project Management
- Public Speaking
- Python
- Research
- Satellite
- Simulations
- Social Media
- Software Development
- Space Systems
- Strategic Planning
- System Architecture
- Systems Design
- Systems Engineering
- Teaching
- Technical Writing
- Testing

**OPPORTUNITIES**
- Research
- Problems Without Passports
- Independent research
- Maymester
- Overseas Studies
- Service
- JEP
- Center for Service Programs
- Alternative spring break
- Internships
- Gateway Internship Program
- Dornsife DC Semester
- Fisher Fellows
- Global Fellows
- Dream Dollars
- Activities
- Student organizations
- Government
- Greek life
- Clubs
- Sports
- Music
- Dance
- Art
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MAJOR 2 CAREER

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CAREERS
- Accounting
- Administrative
- Banking
- Branch Management
- Bureau of Economic Analysis
- Bureau of Labor Statistics
- Business Development
- Census Bureau
- Commercial Banking
- Community and Social Services
- Consulting
- Department of Agriculture
- Department of Commerce
- Department of Health
- Department of Labor
- Department of State
- Education
- Engineering
- Entrepreneurship
- Finance
- Healthcare
- Human Resources
- Information Technology
- Insurance
- International organizations
- Labor unions
- Legal
- Legislatures
- Local and state government agencies
- Marketing
- Media and Communication
- Military and Protective Services
- Mortgage Loans
- Nonprofits
- Non-governmental organizations
- Operations
- Product Management
- Program and Project Management
- Public utilities
- Purchasing
- Real Estate
- Research
- Research and development
- Retail
- Sales
- Securities and Exchange Commission
- Think tanks
- Tourism
- Trade associations
- Transportation
- Trust Services

SKILLS
- Analytical
- Business Development
- Business Strategy
- Collaborative
- Communicative
- Customer Service
- Data Analysis
- Event Planning
- Financial Analysis
- Financial Modeling
- Interpersonal
- Investments
- Leadership
- Management
- Marketing
- Microsoft Excel
- Microsoft Office
- Microsoft Word
- Organizational
- PowerPoint
- Problem-solving
- Project Management
- Public Speaking
- Quantitative
- Research
- Sales
- Social Media
- Strategic Planning

OPPORTUNITIES
- Research
- Problems Without Passports
- Independent research
- Maymester
- Overseas Studies
- Service
- JEP
- Center for Service Programs
- Alternative spring break
- Internships
- Gateway Internship Program
- Dornsife DC Semester
- Fisher Fellows
- Global Fellows
- Dream Dollars
- Activities
- Student organizations
- Government
- Greek life
- Clubs
- Sports
- Music
- Dance
- Art
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### CAREERS
- Accounting
- Administrative
- Army Corps of Engineers
- Arts and Design
- Bureau of Land Management
- Business Development
- Community and Social Services
- Consulting
- Department of Defense
- Department of Energy
- Education
- Engineering
- Entrepreneurship
- Environmental Protection Agency
- Finance
- Forest Service
- Geological Survey
- Healthcare Services
- Human Resources
- Information Technology
- Legal
- Marketing
- Media and Communication
- Military and Protective Services
- National Aeronautics and Space Association
- Operations
- Product Management
- Program and Project Management
- Quality Assurance
- Real Estate
- Research
- Sales
- Support

### SKILLS
- Analytical
- ArcGIS
- Collaborative
- Communicative
- Data Analysis
- Environmental Science
- Field Development
- Field Work
- Geographic Information Systems
- Geological Mapping
- Geophysics
- Interpersonal
- Leadership and ethics
- Microsoft Office
- Petroleum
- Petroleum Geology
- Problem-solving
- Public Speaking
- Quantitative
- Research
- Reservoir Management
- Science
- Sedimentology
- Seismology
- Stratigraphy
- Structural Geology
- Teaching
- Upstream
- Writing

### OPPORTUNITIES
- Research
- Problems Without Passports
- Independent research
- Maymester
- Overseas Studies
- Service
- JEP
- Center for Service Programs
- Alternative spring break
- Internships
- Gateway Internship Program
- Dornsife DC Semester
- Fisher Fellows
- Global Fellows
- Dream Dollars
- Activities
- Student organizations
- Government
- Greek life
- Clubs
- Sports
- Music
- Dance
- Art
MAJOR 2 CAREER  Environmental Studies | Environmental Science & Health

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Mathematics | Applied & Computational Math

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CAREERS
Accounting
Architects
Arts and Design
Business and financial
Business Development
Community and Social Services
Construction
Consulting
Education
Engineering
Entertainment
Entrepreneurship
Finance
Healthcare Services
Human Resources
Information Technology
Legal
Life scientists
Management
Marketing
Mathematicians and statisticians
Media and Communication
Military and Protective Services
Operations
Product Management
Production
Quality Assurance
Real Estate
Research
Sales
Social services
Support

SKILLS
Analytical
Collaborative
Communicative
Interpersonal
Leadership and ethics
Organizational
Problem-solving
Public speaking
Quantitative
Research

Matlab
Microsoft Excel
Microsoft Office
C++
R
PowerPoint
Statistics
Microsoft Word
Python
Java
Mathematics
Financial Modeling
Algorithms
LaTeX
Machine Learning
Social Media

OPPORTUNITIES
Research
Problems Without Passports
Independent research
Maymester

Overseas Studies

Service
JEP
Center for Service Programs
Alternative spring break

Internships
Gateway Internship Program
Dornsife DC Semester
Fisher Fellows
Global Fellows
Dream Dollars

Activities
Student organizations
Government
Greek life
Clubs
Sports
Music
Dance
Art

dornsife.usc.edu/careerpathways | careerpathways@dornsife.usc.edu | 213.821.4728 | GFS 315
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**CAREERS**
- Accounting
- Administrative
- Agriculture
- Armed Services
- Arts and Design
- Biotechnology
- Business Development
- Centers for Disease Control
- Clinical
- Colleges or universities
- Consulting
- Correctional facilities
- Dentistry
- Education
- Engineering
- Entrepreneurship
- Finance
- Food and Drug Administration
- Government
- Graphic Design
- Healthcare Services
- Hospitals
- Human Resources
- Information Technology
- Legal
- Marketing
- Media and Communication
- Medical Illustration
- Medical schools
- Mental health institutions
- Military and Protective Services
- National Institutes of Health
- Neurodiagnostic Technology
- Neuropsychology
- Nursing homes
- Operations
- Pharmaceuticals
- Pharmacy
- Physician Assistant
- Product Management
- Psychiatry
- Psychology
- Public Policy
- Quality Assurance
- Real Estate
- Rehabilitation centers
- Research
- Sales
- Scientific Journalist, Editing, Blogging
- Social Services
- Veterinary Medicine
- Web Design

**SKILLS**
- Cell Culture
- Clinical Research
- Community Outreach
- Customer Service
- Data Analysis
- Editing
- Event Planning
- Healthcare
- Immunohistochemistry
- Leadership
- Matlab
- Microsoft Excel
- Microsoft Office
- Microsoft Word
- Molecular Biology
- Neuroscience
- PowerPoint
- Public Speaking
- Research
- Science
- Social Media
- SPSS
- Statistics
- Teaching
- Western Blotting

**OPPORTUNITIES**
- Research
- Problems Without Passports
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