Rutgers University Career Clusters: To Infinity And Beyond!

Barbara Thomson
Assistant Director for Technology Operations
Eastern Association for Employers and Colleges
Philadelphia, June 2016
Engaging “R” Students
Explore Your Career Cluster

Explore the career clusters that best match your current career interests. If you are still deciding on your career interests, choose the ones that look most interesting. Also, complete our online assessment under the "Still Deciding" image to explore the cluster areas most related to your interests.

- Arts, Communications, and Entertainment
- Business, Financial Services, and Logistics
- Education and Public & Human Services
- Food & Agriculture and Environmental & Natural Resources
- Health, General Sciences, Technology, Engineering and Math
- Still Deciding

https://careers.rutgers.edu/careerclusters
Cluster Web Content

Assess Yourself
- Find Your Career Cluster
- Learn about Yourself
- Use CareerKnight “Career Finder”
- Meet with a Career Advisor
- Guide to Self-Assessment

Explore Majors and Careers
- Explore Rutgers College Majors
- Review Post Grad Employment Data
- View Candid Career Videos
- Use CareerKnight “Career Explorer”
- Guide to Exploring Majors & Career

Gain Experience
- View CareerKnight Internship Listings
- Consider Anesty Research
- Explore Campus Organizations
- Learn about Internships
- Guide to Getting Involved

Consider Graduate School
- Review Post Grad Education Data
- Explore Standardized Tests
- Manage your Transcripts
- Write your Personal Statements
- Guide to Graduate School Planning

Prepare for the Job Search
- Review CareerKnight Job Listings
- Explore Resume Samples
- Develop Cover Letters and Resumes
- Practice Interview Skills Online
- Guide to Finding an Internship / Job

Take Action
- Attend UCS Events
- First-Year students
- Sophomores
- Juniors
- Seniors
Assess Yourself: Find Your Career Cluster

Rate the level of interest you have for each area listed below from 0 (very little interest) to 9 (a high level of interest). Don't worry about your skill level. Just consider how much you like each activity.

- Calculate and solve math problems
- Participate in laboratory experiments
- Learn about health and wellness matters
- Study scientific issues and problems
- Analyze numerical and quantitative data
- Understand complex technical concepts
- Use computers to complete work assignments
- Investigate new mathematical or scientific projects
- Work with microscopes to analyze cells
- Research scientific or technical topics independently

Click for Total Health, General Sciences, Technology, Engineering, and Math Score:
Exploring Rutgers Majors

University Career Services has developed a series of majors profiles organized by career clusters. Each profile highlights career information for that Rutgers University major and lists related occupations, typical employers, graduate school options, and examples of jobs obtained by Rutgers graduates.

Find the career cluster area which most interests you and review the related majors profiles to explore possible career paths.

<table>
<thead>
<tr>
<th>Health, General Sciences, Technology, Engineering, and Math</th>
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<tbody>
<tr>
<td>Allied Health Technologies</td>
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<td>Astrophysics</td>
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<td>Biochemistry</td>
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<td>Biological Sciences</td>
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<td>Biostatistics</td>
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<td>Biotechnology</td>
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<td>Cardiac Sonography</td>
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<tr>
<td>Cell Biology &amp; Neuroscience</td>
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<tr>
<td>Chemistry</td>
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<td>Clinical Lab Sciences</td>
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<tr>
<td>Computer Science</td>
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<td>Dentistry</td>
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<tr>
<td>Diagnostic Medical Sonography</td>
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<td>Engineering - Bioenvironmental</td>
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<td>Engineering - Biomedical</td>
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<tr>
<td>Engineering - Chemical &amp; Biochemical</td>
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<td>Engineering - Civil &amp; Environmental</td>
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<td>Engineering - Electrical &amp; Computer</td>
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Explore Majors & Careers: Employment Data

Rutgers University-New Brunswick Post-Graduation Results

University Career Services collects data from the graduating classes in September, December, and May. This information shows the strength of the career paths Rutgers students take and gives current students a glimpse into what they can do with their majors. This version of the graduation survey started in 2014.

Explore the post-graduation paths of Rutgers graduates.

**Health, General Sciences, Technology, Engineering & Math**

- **Employed + Further Study:** 76%
- **Employed:** 59%
- **Further Study:** 16%
- **Alternative Plans:** 25%
- **Median Starting Salary:** $54,000
- **Average Additional Salary:** $17,160

Response Rate: 55.9%

**Top Hiring Employers:**
- Rutgers University
- CVS Caremark
- Walgreens
- Lockheed Martin
- Johnson & Johnson
- JPMorgan Chase & Co.

**Top Industries:**
- Healthcare
- Engineering
- Education
- Biotech & Pharmaceuticals
- Sciences
- High Tech/Information Technology

**Top Job Titles:**
- Sales Associate
- Engineer
- Pharmacist
- Software Engineer
- Project Engineer
- Intern
Explore Majors & Careers: Candid Career

Candid Career Videos

Watch our Candid Career videos related to the Health, General Sciences, Technology, Engineering, and Math career cluster area.

**Video Job Title: IT Analyst**

**Video Job Title: Technical Architect**
Gain Experience: Internship Listings

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**Health, General Sciences, Technology, Engineering, and Math Internship Postings**

- **Algorithmic Trading**
  - Internship relevant experience, futhers career goals, up to 40 hrs/wk, less than 25% clinical, Internship (job shadowing, less than one month)
  - Posted Date: March 21, 2016

- **Director Of Engineering (Deputy CTO)**
  - Posted experienced (degree completed plus work experience, less than 20 yrs)
  - GOALOOP – Connecting the world through goals! (Nationwide, United States)
  - Posted Date: March 20, 2016

- **Software Developer Intern**
  - Internship relevant experience, futhers career goals, less than 25% clinical
  - GOALOOP – Connecting the world through goals! (Nationwide, United States)
  - Posted Date: March 20, 2016

- **BMS – R&D – RDSP – B&C – Discovery Science Specialist Internship (June-August 2016) - LVL**
  - Posted Date: March 18, 2016

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University Career Services
## Gain Experience: Aresty Research

### Consider Aresty Research

<table>
<thead>
<tr>
<th>Options</th>
<th>Health, General Sciences, Technology, Engineering, and Math</th>
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<tr>
<td>Center for Integrative Proteomics Research</td>
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<td>College of Nursing</td>
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<td>School of Engineering - Biomedical Engineering</td>
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<td>School of Engineering - Center for Advanced Infrastructure</td>
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<td>School of Engineering - Chemical &amp; Biochemical Engineering</td>
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<td>School of Engineering - Civil &amp; Environmental Engineering</td>
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<td>School of Engineering - Industrial Engineering</td>
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<td>School of Engineering - Materials Science and Engineering</td>
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<td>School of Engineering - Mechanical &amp; Aerospace Engineering</td>
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<td>School of Engineering - Mechanical &amp; Materials Science</td>
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<td>Graduate School New Brunswick</td>
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<td>Inst of Advanced Materials, Devices &amp; Nanotechnology</td>
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<td>NJ Center for Biomaterials</td>
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<tr>
<td>Pharm - Pharmaceutics</td>
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<td>Pharm - Pharmacology &amp; Toxicology</td>
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<td>Rutgers Biomedical and Health Sciences - Brain Health Institute</td>
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<td>Rutgers Biomedical and Health Sciences - Graduate School of Biomedical Sciences</td>
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<td>Rutgers Biomedical and Health Sciences - NJMS</td>
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<td>Rutgers Biomedical and Health Sciences - RWJMS</td>
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Gain Experience: Campus Organizations

Health, General Sciences, Technology, Engineering, and Math

For more information about these student organizations visit getinvolved.rutgers.edu
Consider Graduate School: Graduate Schools
Prepare for the Job Search: Full-time Jobs

CareerKnight
Career Management System

Health, General Sciences, Technology, Engineering, and Math
Job Postings

Jr. NOC Engineer
Full-time entry-level (degree completed as of start date)
YeapTV (New Brunswick, New Jersey)
Posting Date: March 21, 2016

Algorithmic Trading
Co-op (relevant experience, furthers career goals, up to 40 hrs/week, less than 25% clerical). Internship (job shadowing, less than one month).
Full-time experienced (degree completed plus work experience), internship (relevant experience, furthers career goals, less than 25% clerical). Part-time entry-level (some college education, less than 35 hrs/week).
Fair Value Partners (Piscataway, New Jersey)
Posting Date: March 21, 2016

Director of Engineering (Deputy CTO)
Part-time experienced (degree completed plus work experience, less than 35 hrs/week)
GDOLOOP – Connecting the world through goals! (Nationwide, United States)
New York, New York
Posting Date: March 20, 2016
Health, General Sciences, Technology, Engineering, and Math

Sample Resumes

Electrical & Computer Engineering........1
Biological Sciences............................2
Electrical & Computer Engineering........3
Biological Sciences............................4
Take Action: UCS Events

**Careers and Internships in Computer Science and Information Technology**
(Career Exploration & Networking Series)
Tuesday, March 29, 2016 • 6:00 PM - 8:00 PM

Attention all Rutgers Students. Are you interested in a Career in Computer Science and IT? Attend this valuable University Career Services Program to meet and network with professionals in these fields.

[view full details](#)

**Randstad Technologies Interview Request Deadline**
Tuesday, March 29, 2016 • 11:59 PM

Randstad Technologies is coming to campus on 4/14/16 to interview candidates as part of the On-Campus Interviewing (OCI) Program. The deadline to apply for an interview slot by submitting a resume into CareerKnight is on 3/29/16....

[view full details](#)

**Writing Personal Statement for Medical School & Professional Grad Programs**
Wednesday, March 30, 2016 • 1:30 PM - 3:00 PM

Learn how to begin drafting the personal statement for graduate health profession programs
Symplicity Forms

Position Career Cluster*

Please select the career cluster that best describes this POSITION (not your organization)

Join a Career Interests Cluster(s)*

Choose up to five areas that relate to your career interests. What are career clusters? (learn more)

Career Cluster Field*

Please select the career cluster(s) for this workshop.

- Arts, Communications, and Entertainment
- Business, Financial Services, and Logistics
- Education and Public & Human Services
- Food & Agriculture and Environmental & Natural Resources
- Health, General Sciences, Technology, Engineering, and Math
How to…

Training Home » Cheatsheets And Manuals

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Keywords:
Form Builder
Related Project:

Training

Form Builder - CSM
Posted: January 30, 2014
How to...
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Questions?

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