

Math/Stats Panel Series Resource Sheet

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Math/Stats industries to explore...

Data analysis
Data Scientists
Actuarial Science
Data Scientists
Finance
Biostatistician
Statistician
Statistical Programming
Laboratory Science
Research Science (Applied Math)
Communications
Numerical Analysis
Underwriting
Electrical Engineering
Public Service
Health & Wellness
Technology
Environment & Science
Sports
Economics
Industrial
Education

Math/Stats Career Examples:

Math:

Mathematician

Economist

Financial planner

Investment analyst

Statistician

Operations research analyst

Systems engineer

Inventory control specialist

Budget analyst

Accountant

Insurance underwriter

Programmer analyst

Purchasing agent

Market researcher

Cost estimator

Fraud investigator

Energy analyst

Math teacher

Data analyst

Software tester

Stats:

Data Scientist

Statistician

Risk Manager

Customer Data Scientist

Customer Intelligence Director

Senior Project Engineer - Forecast and Optimization

Forensic Statistician

Public Health Statistician

Mathematical statistician (U.S. Census Bureau)

Human rights organization Statistician

Pharmaceutical company clinical trial statistician

Math/Stats Career search terms:

“Careers in _____”
ex)

“Most satisfying jobs/careers in Math/Stats”

“Growing Math/Stats fields”

“Math/Stats internships in California”

“Math/Stats research opportunities”

“Math/Stats graduate school programs”

“Math/Stats skill competencies”

“Math/Stats major skills”

“Skills for Math/Stats careers”

Career To-Do List:

- Search career interests (online)
- Meet with Career Counselor (SDSU career services)
- Access online career-related information (LinkedIn, ONET, Occupational Outlook Handbook)
- Explore majors/careers with your faculty advisor and professors (Success Center-GMCS 429)
- Explore graduate school options
- Get involved in an on-campus club or organization (SDSU Student Organizations)
- Volunteer for projects that interest you (Career Services)
- Obtain an internship to explore career choices and gain experience (Career Services)
- Network with professionals, including alumni, to expand opportunities
- Connect with mentors to learn about careers (Aztec Mentor Program)
- Write effective resumés and cover letters (Career Services)
- Attend a workshop/training to build academic/professional skills (SDSU Event Calendar)
- Create informational interview questions to ask working professionals: email them your questions and/or meet in person

On-Campus SDSU Resources:

SDSU Career Services: http://career.sdsu.edu/student_affairs/career/

Offers: Internship information, Mentor connections, Resume critiques, Mock interviews, Assessment tools, Event information, Professional contacts, and more!

Phone: (619) 594-6851

Email: careerservices@mail.sdsu.edu

Campus Location: [Student Services East \(SSE\) 1200](#)

Appointments: available 9 AM - 3 PM, at least 24 hours in advance. Call or come in to schedule.

Walk-ins (15-minutes, no appointment needed):

Mon - Thu, 1 - 2:45 PM

Fri, 10 - 11:45 AM

Aztec Career Connection:

http://go.sdsu.edu/student_affairs/career/azteccareerconnection.aspx

(Online access to a huge variety of jobs, assessment tools, internships, interviews, & more)

Internship Central: https://newscenter.sdsu.edu/student_affairs/career/internships-students.aspx

(internship toolkit, internship searching, workshops, internship contacts)

Aztec Mentor Program: <https://amp.sdsu.edu/about>

(Connects alumni & professional mentors with juniors, seniors and graduate students to support them as they move their career forward)

Career Search Websites:

Occupational Outlook Handbook: <https://www.bls.gov/ooh/>

(helps you find career information on duties, education and training, pay, and outlook for hundreds of occupations)

ONET.org

(tool for career exploration, job analysis, includes detailed descriptions)

Linkedin.com

(Create your professional identity, build professional network, access opportunities)

Apply for Jobs:

- Indeed.com**
- SimplyHired.com**
- Glassdoor.com**
- Ziprecruiter.com**