# STATISTICS

BA, 14 COURSES | BS, 16 COURSES

PREPARING FOR YOUR FIRST JOB + THE FUTURE OF WORK

## IN THIS MAJOR YOU'LL LEARN TO:

- Be proficient in application of statistics and probability concepts and methods to problems to science and society
- Be proficient in application of foundational calculus, linear algebra, and elementary computer programming necessary for probability and statistics study
- Conceptually understand the mathematical basis and foundations of probability and statistics
- Write reports or make presentations of the results of statistical analyses giving summaries and conclusions using nontechnical language
- Use appropriate statistical software for data analysis

***And so much more!*** *Faculty and advisors are here to help you get the most out of your program and how it may apply to different career paths*

## TOP SKILLS EMPLOYERS WANT:

Teamwork
Critical thinking
Analyze + interpret data
Adaptability + resiliency
Written + verbal communication
Ethical judgement + reasoning
Problem-solving
Intercultural fluency
Creativity
Leadership

***A lot of people said so:*** *World Economic Forum, McKinsey Consulting future of work report, National Association of Colleges + Employers, UR College Competencies*

## WHERE STATISTICS MAJORS END UP

**Investment Banking** **Higher Education** **Internet & Software**

**Insurance** **Management Consulting** **Accounting** **Healthcare**

*Based on real UR student + alumni data!*

## WAYS TO TELL YOUR STORY:

*Resources to help you tell your UR story!*

- Your Greene Center advisor
- Resume + Handshake profile
- LinkedIn + Mel Collective profiles
- Practice interviews
- A flexible and evolving plan
- Talk to people! Friends, family, advisors, faculty, alumni... it will help you refine your story!

## HOW TO BUILD THESE SKILLS:

- Get an on-campus job
- Take a skill development course
- Pursue an internship
- Conduct research with a faculty member
- Volunteer in the community
- Get involved in student organizations
- Do a virtual project
- Be curious and try new things

*Not sure where to start?*
*The Greene Center can help!*