



# Fall Registration Advice Session



**CAROLINA ANALYTICS  
& DATA SCIENCE**

# WELCOME!

## Attendance



# 79 courses!

13	COMP	3	LING
11	STOR	3	POLI
7	INLS	2	BUSI
6	ECON	2	ENEC
6	BIOL	2	MEJO
4	BIOS	1	PSYC, ENGL, EXSS (each)
4	GEOG	1	CLAR, ANTH, PLCY, SOCI (each)



# Specific Data Science Courses

- STOR
  - STOR 120
  - STOR 320
  - STOR 455
  - STOR 535
  - STOR 565
- SOCI
  - SOCI 318
- POLI
  - POLI 281
  - POLI 381
  - POLI 209
- COMP
  - COMP 421
  - COMP 562
- BUSI/COMP
  - BUSI/COMP 488
- ENGL
  - ENGL 482
- PLAN
  - PLAN 372

[Spreadsheet Link](#)

[Data Science Minor Electives](#)



# Different Paths in the Data World





# General Pathways

- Data Science
- Data Analytics
- Data Engineering
- Business Analytics



# Pathways in Finance

- Quantitative Trading
- Quantitative Analytics
- Traditional roles within finance:
  - Data Analyst
  - Data Scientist





# Pathways in Health/Medicine

- Clinical Data Analyst
- Healthcare Consultant
- Medical Informatics Specialist
- Pharmaceutical Data Scientist

Gaining Experience





# Gaining Experience

- Hackathons
  - CDC is a great one:)
- Research
- Class ULA
- Internships
- Clubs
  - CADS:)
- Personal Projects



# Research and Development (R&D) Roles

- Contribute to advancements
- Diverse problems + Problem-solving
- Uncertainty
  - Resource Constraints
- Conducting experiments, analyzing data, designing prototypes, developing software, conducting literature reviews, and collaborating with cross-functional teams.
- **Technology R&D:** Developing new software, hardware, or cutting-edge technologies.
- **Pharmaceutical R&D:** Drug discovery, clinical trials, and developing new medical treatments.
- **Engineering R&D:** Developing new products or improving existing ones, such as in the automotive or aerospace industries.

# Research & Development Internship

SAVE



Labcorp  
Durham, NC

Apply on LabCorp Careers

Apply on ZipRecruiter

Apply on Mendeley

Apply on The Muse

Apply on LinkedIn

Apply on Salary.com



🕒 29 days ago 📁 Full-time and Internship 🛡️ Health insurance

## Job highlights

Identified by Google from the original job post

### Qualifications

- Working towards a Bachelor's degree in Biology, Chemistry, or other related science
- 1+ years of experience in a clinical lab, or relevant lab experience
- Ability to collaborate with colleagues
- Experience using literature/search engines/databases to pursue science

### Responsibilities

- Perform technical and non-technical protocols in the capacity according to established procedures
- Gain knowledge of department specific procedures and operations and work in cross functional teams
- Generate reliable and consistent results, including analyses and critiques, and maintain an accurate and comprehensible
- Attend training sessions to learn process development
- Engage in professional development workshops to enhance your business acumen and professional presence

# Data Science Resume & Interview Tips





## Resume Tips

- Include programming languages and tools you're proficient in
- Include relevant coursework specific to the job
- Use strong action words and quantify contributions when possible
- Add projects and hackathons, especially if you don't have a lot (or any!) internship experience
- Common but generally not required: specific packages, skill level for languages/tools, ect

## Interview Tips

- Vary for different companies and roles -> Do your research
- Familiarize yourself with the style (behavioral, technical, case, ect.)
- Know your resume

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The image features a dark navy blue background. In the top-left corner, there are two overlapping geometric shapes: a bright orange parallelogram and a light blue parallelogram, both slanted downwards to the right. The text "Thank you!" is positioned to the right of these shapes.

**Thank you!**