

IN THIS MAJOR YOU'LL LEARN TO:

- Demonstrate understanding of the core foundations of physics
- Understand mathematics fundamentals used in the modeling of physics systems and solving physics and astronomy problems
- Understand the scientific method
- Develop basic practical experimental skills used in physics and astronomy research, including laboratory procedures and computational methods
- Read and comprehend original scientific literature
- Effectively communicate scientific knowledge, experimental results, and analyses in both oral and written formats

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 PHYSICS MAJORS END UP

National Laboratories
Data Science
Education
Engineering

Internet & Software
Research
Defense
Pharmaceuticals

Healthcare/Imaging Science
Aerospace
Business Consulting
Finance

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!*

