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Skip a Year with Grad Track Information Session

Computer Science and Engineering

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What is graduate school, and what does it mean for engineers?

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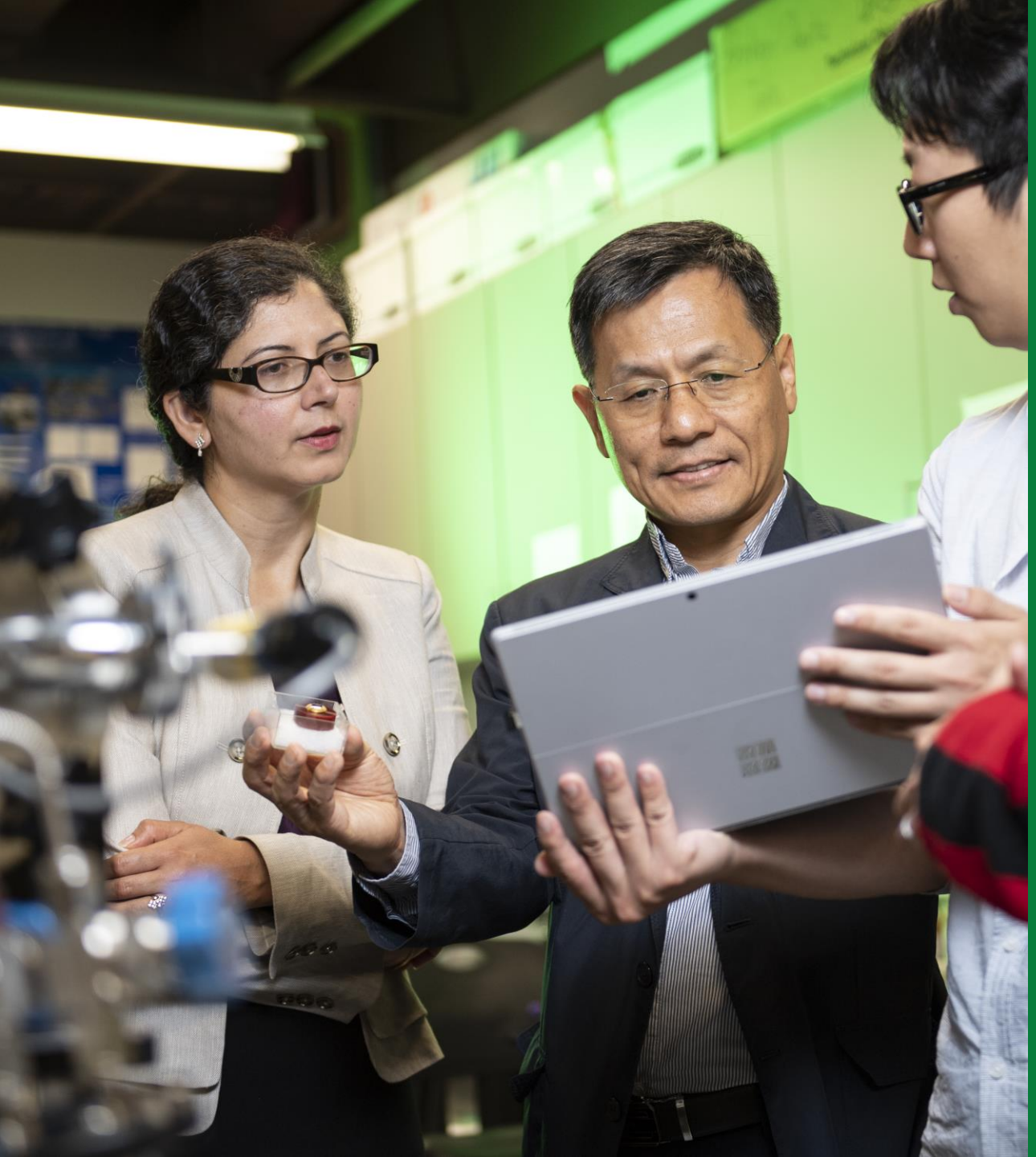
Master's Degree

- Prepares students for management and specialized opportunities
- Combine classroom skills with either industrial or research experience
- Typically course intensive
- Directed research under faculty supervision
- Thesis and non-thesis options available
- 14% of the U.S. population



Doctorate

- Prepares students to develop and explore brand new ideas.
- Independent and specialized research
- Narrow and focused area
- Significant contribution to body of science and knowledge
- Dissertation and scientific publication
- 4% of the U.S. population

Common Reasons Students Enter Graduate School

- More interesting jobs
- Higher salary
- Not ready to enter workforce
- Increased likelihood of promotion
- Gain research experience
- Interest in career in academia
- Want to gain additional knowledge before beginning career
- Cannot find a job that interests them

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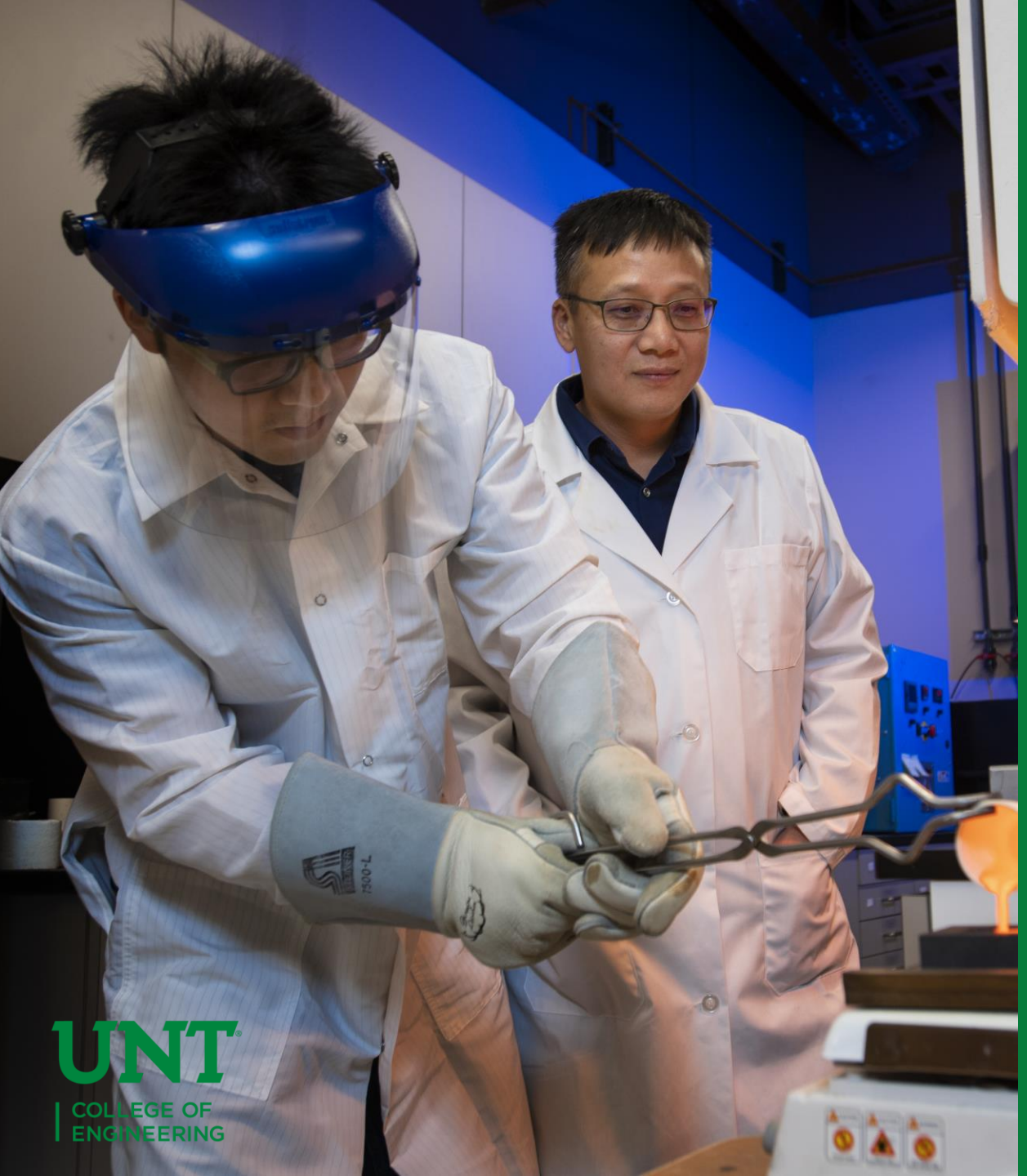
Our Graduate Programs

- **Master's Programs**
  - Computer Science
  - Computer Engineering
  - Artificial Intelligence
  - Cybersecurity
  - Data Engineering

- **PhD Programs**
  - Computer Science and Engineering



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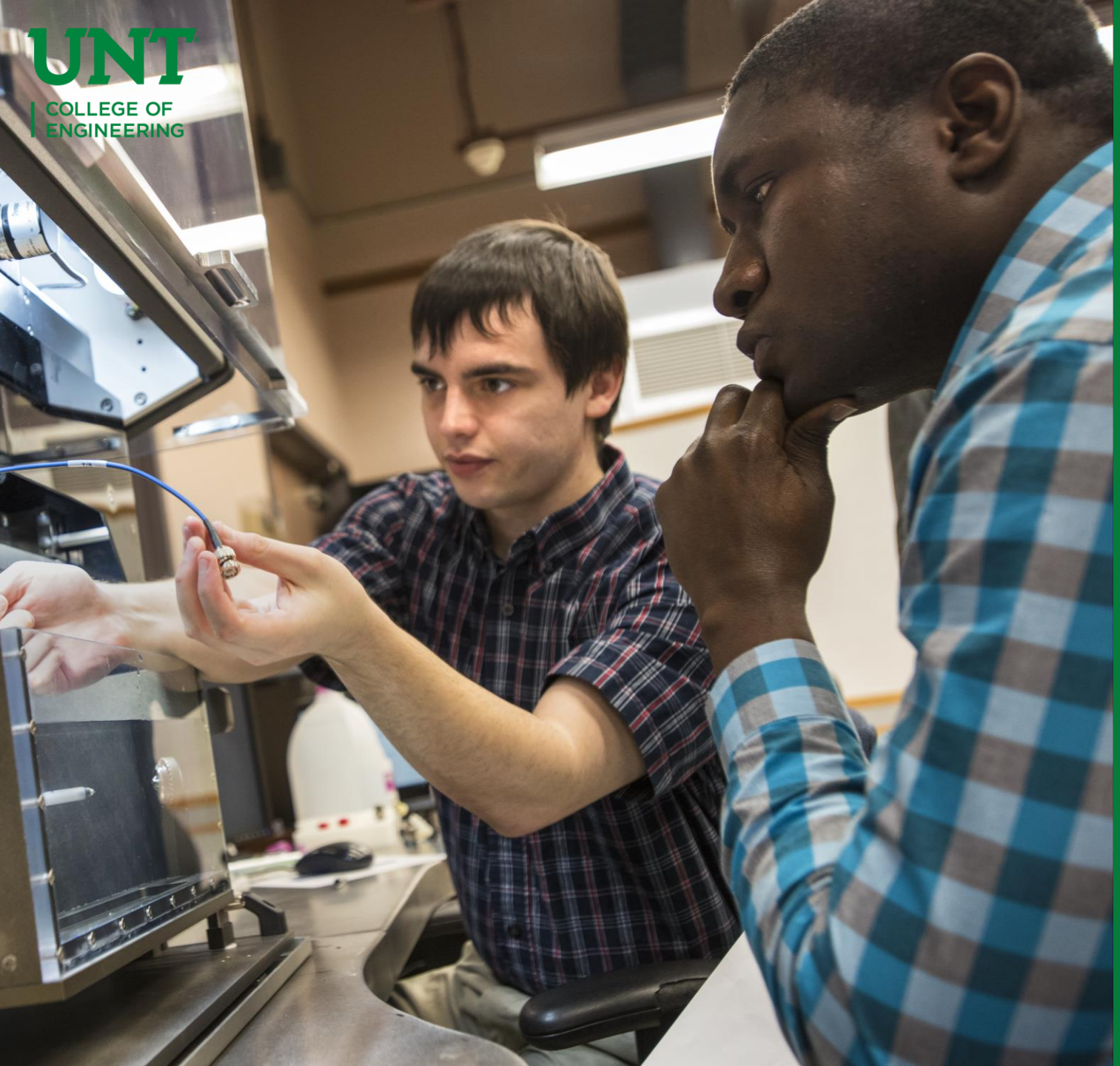
What is Grad Track?

- Grad track is an accelerated Bachelor's to Master's program.
- Students are able to earn a BS and MS in a related program in as few as 5 years.
- Students have to enroll in the MS program in the first long semester after they complete the BS.



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Benefits of Grad Track

- Earn BS and MS degrees OR earn BS and PhD degrees in your field faster
- Count 9 hours of graduate credit toward both BS and MS degrees OR 12 hours of graduate credit toward BS and PhD
- Save $5,200 - $6,800 in in-state tuition and fee costs OR $9,000 - $11,800 in out-of-state tuition plus living expenses

Investing in Graduate School

- How much does grad school cost?
  - In-state $12,000/year
  - Out-of-state $20,000/year
- How much can you make?

	Bachelor's	Master's	PhD
Computer Science	$68,668	$80,142	$118,588
Cybersecurity	$72,000	$88,000	
Artificial Intelligence	$98,000	$103,000	
Computer Engineering	$71,107	$79,213	$110,625

*Data from NACE and PayScale

Financial Assistance

Teaching Fellow
- Direct student contact in formal instructional setting
- Listed as instructor of record

Teaching Assistant
- Does not have primary responsibility for directing a course
- Direct supervision of instructor of record

Research Assistant
- Engaged in research activities under direction and supervision of faculty researcher
- Typically includes stipend

Fellowship
- Prestigious competitive award that provides financial support
- Not considered to be employment

Instructional Assistant
- Helps instructor grade tests, quizzes, and other assignments

Scholarships
- Available through UNT and the College of Engineering.
- General scholarship application is March 1st.

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I've decided to apply. Now what?

- Eligibility
  - Junior year/completed 75 hours
  - Typically 3.5+ GPA
- How to Apply
  - Submit application, unofficial transcripts, and letter(s) of recommendation
  - Email all the application materials to CSEGrad@unt.edu with "Grad Track Application for [Your Name]" in the subject line.
- Once admitted, you will
  - Begin taking graduate courses as technical electives for your BS degree. Your department and advisor have a pre-approved list of courses you can take.
  - Earn a B or higher in each grad track course.
- Apply to Toulouse Graduate School
  - When you have 90 credits or the semester before you graduate, you will submit all required documentation to the graduate school.
- After you graduate, enroll in the graduate program in the first long semester that follows your graduation semester.

Questions?