Rutgers ECE Combined BS/MS Information Session

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ECE Graduate Program Office
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Outline

1 Why a Master's Degree?

2 Why the Combined BS/MS Option?

3 Next Steps for Interested Students

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2 Why the Combined BS/MS Option?

3 Next Steps for Interested Students

NO! A BS in Electrical and Computer Engineering alone will continue to serve many of the students rather well.

BUT . . .

There are several reasons for why a student might consider pursuing an MS degree in Electrical and Computer Engineering
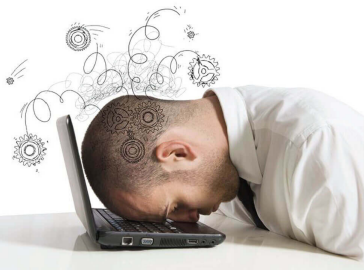
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A Rutgers MS in Electrical and Computer Engineering degree offers one of the **best value for your time and tuition dollars**

The Grand Reason: Substantial Savings in Time & Money

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  - A TA/GA position comes with $17,667 stipend per semester, full tuition remission, and healthcare benefits
- The Dean's Office will give a one-time, **$1,000 scholarship** to any BS/MS student enrolled in full-time graduate study in Fall 2024 or Spring 2025

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But BS/MS students are allowed to use up to a maximum of **12 unused undergraduate credits**[†] towards completion of the MS degree

[†] Subject to approval; some credits at the 300 level and most credits at the 400 level are transferable

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† Not all internships count; pre-approval from the ECE Graduate Program Office is required for for-credit internships

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- You may not need recommendation letters

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Plan Courses for the Senior Year

An MS degree helps you specialize in an area. So prepare an appropriate **plan for the unused undergraduate courses** in consultation with

- The Graduate Director
- The Undergraduate Director

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List of MS Specialization Areas

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3. Machine Learning
4. Systems and Controls
5. Computer Engineering
6. Software Engineering
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3. Machine Learning
4. Systems and Controls
5. Computer Engineering
6. Software Engineering
7. Solid State Electronics
8. **Cross-cutting Specialization**[†]

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Be Aware of the Important Dates

- **Middle of November:** start of the application process
- **End of December:** initial admission decisions are made
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Well-qualified students interested in being considered for the **TA position** must submit their applications by **March 1** at the latest

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- GPA ≥ 3.0 and < 3.2: One **strong** letter needed for admission
- GPA ≥ 2.8 and < 3.0: Two **strong** letters needed for admission