

# TELECOMMUNICATIONS (ENTS)

Graduate Degree Program  
College: Engineering

## Abstract

The Master's in Telecommunications Program offers students a unique opportunity to engage in cross-disciplinary coursework from both the Electrical and Computer Engineering Department of the A. James Clark School of Engineering and the Robert H. Smith School of Business at the University of Maryland. This extraordinary combination culminates in a degree that prepares students for the broad range of rigors and issues that encompass the dynamic telecommunications industry.

The program covers several different areas including Information System Security, Wireless Communications, Networking, and Business and Management for the telecommunications industry. The program may be pursued either full-time or part-time. All courses are scheduled in the evening to suit working professionals, while some courses additionally offer daytime sections.

The program is designed around a core curriculum that provides a solid technical foundation and management background. The Master's in Telecommunications degree requires successful completion of 30 credits and a scholarly paper. Please visit our Degree Requirements (<http://www.telecom.umd.edu/degree-requirements/>) page for detailed information.

Students may choose from a wide range of electives to develop their interests and complement their career goals. Please visit our Course Descriptions (<http://telecom.umd.edu/courses/>) page for a detailed listing of our courses. In addition to the courses listed there, special topics electives are regularly offered. As our program keeps up with industrial trends, these courses focus on emerging, cutting-edge topics.

Please see our website, [www.telecom.umd.edu](http://www.telecom.umd.edu) (<http://www.telecom.umd.edu>), for the most current information.

## Financial Assistance

Since the Master's in Telecommunications Program does not normally offer financial support in the form of graduate assistantships, many of our students find assistantships in other units, especially non-academic units, which do not have graduate students.

## Contact

### Master's in Telecommunications Program Office

2433 A.V. Williams Building  
8223 Paint Branch Drive  
University of Maryland  
College Park, MD 20742

**Telephone:** 301.405.3682

**Fax:** 301.314.9324

**Email:** [telecomprogram@umd.edu](mailto:telecomprogram@umd.edu)

**Website:** <http://www.telecom.umd.edu>

**Courses:** ENTS (<https://academiccatalog.umd.edu/graduate/courses/ents/>)

**Relationships:** Electrical and Computer Engineering (ENEE) (<https://academiccatalog.umd.edu/graduate/programs/electrical-computer-engineering-enee/>)

## ADMISSIONS

### General Requirements

- Statement of Purpose
- Transcript(s)
- TOEFL/IELTS/PTE (international graduate students (<https://gradschool.umd.edu/education/z069/>))

### Program-Specific Requirements

- Letters of Recommendation (3)
- Graduate Record Examination (GRE) (optional)
- CV/Resume

The program is open to applicants holding a regionally accredited baccalaureate degree in engineering, computer science, math, physics or related technical fields with a minimum GPA of 3.0. Applicants with an undergraduate GPA of slightly less than 3.0 may be considered if they have demonstrated strong performance in prior graduate study and/or professional experience.

## Application Deadlines

Type of Applicant	Fall Deadline	Spring Deadline
<b>Domestic Applicants</b>		
US Citizens and Permanent Residents	July 31, 2025	September 27, 2024
<b>International Applicants</b>		
F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants.	March 14, 2025	September 27, 2024

### RESOURCES AND LINKS:

**Program Website:** <http://www.telecom.umd.edu>

**Application Process:** [gradschool.umd.edu/admissions](http://gradschool.umd.edu/admissions) (<http://www.gradschool.umd.edu/admissions/>)

## REQUIREMENTS

- Telecommunications, Master of Science (M.S.) (<https://academiccatalog.umd.edu/graduate/programs/telecommunications-ents/telecommunications-ms/>)

## FACILITIES AND SPECIAL RESOURCES

The ENTS program has a number of state-of-the-art laboratory facilities where students enhance their hands-on skills and gain practical experience using, configuring and operating telecom lab equipment. (link: <https://telecom.umd.edu/lab-facilities> (<https://telecom.umd.edu/lab-facilities/>)). These labs include the Communications Laboratory, the Networking Laboratory, and the Telecommunications PC Lab,