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 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 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, 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
Website: http://www.telecom.umd.edu

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 (optional)

For the most current and detailed information regarding admissions and deadlines for the Master’s in Telecommunications, please refer to our Admissions (http://telecom.umd.edu/why-apply) page.

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.

This program is professional in nature and has a non-standard tuition. Tuition for the 2017-18 academic year is $1,037.00 per credit. The tuition rate is the same for all students, regardless of residency or citizenship.

For more admissions information or to apply to the program, please visit our Graduate School website: https://gradschool.umd.edu/admissions

Application Deadlines
Type of Applicant | Fall Deadline | Spring Deadline
--- | --- | ---
Domestic Applicants | 1 May | 28 Sep
US Citizens and Permanent Residents | 1 May | 28 Sep
International Applicants | 15 Mar | 28 Sep
F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants.

Other Deadlines: Please visit the program website at http://www.telecom.umd.edu

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). These labs include the
Communications Laboratory, the Networking Laboratory, and the Telecommunications PC Lab,

### Faculty

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First/Middle Name</th>
<th>Graduate Faculty Status</th>
<th>Academic Credentials</th>
<th>Positions</th>
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<tbody>
<tr>
<td>Boroumand</td>
<td>Jahangir</td>
<td>Non-Member</td>
<td>M.S., Ph.D., Syracuse University, 1981</td>
<td>Lecturer, Communications Liaison, Telecommunications</td>
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<tr>
<td>Dellomo</td>
<td>Michael</td>
<td>Full Member</td>
<td>B.S., Rensselaer Polytechnic Institute, 1979; M.A., Johns Hopkins University, 1980; Ph.D., Johns Hopkins University, 1984</td>
<td>Associate Director, Communications Advisor, Telecommunications</td>
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<tr>
<td>Mercado</td>
<td>Alejandra</td>
<td>Full Member</td>
<td>B.S.E.E., University of Maryland, 1990; B.S., University of Maryland, 1991; M.S.E.E., University of Maryland, 1996; Ph.D., University of Maryland, 2001</td>
<td>Associate Director, Telecommunications</td>
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