UNIVERSITY OF MARYLAND

MASTER'S IN TELECOMMUNICATIONS PROGRAM

The Master's in Telecommunications Program offers students a unique opportunity to engage in cross-disciplinary coursework from both the A. James Clark School of Engineering and the Robert H. Smith School of Business at the University of Maryland. This exceptional combination allows students to enhance their technical backgrounds while gaining the necessary business and management skills to achieve success and advance their careers in the telecommunications industry.

A wide range of courses are offered in:

Networking and Wireless Communications

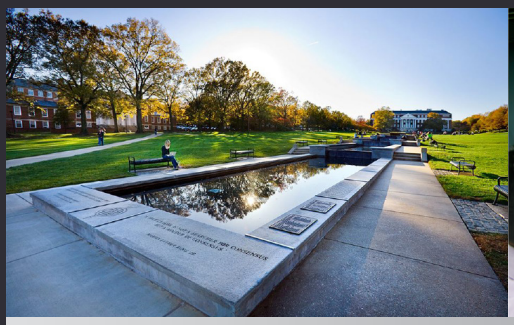
The program offers a wide range of computer networking courses focusing on the fundamental technical area of modern telecommunications. Topics range from the fundamentals of networks and protocols, to advanced topics such as SDN and cloud computing. Combining these courses with hands on experiences in the labs provides students with specialized knowledge about voice over IP systems and protocols, networks, security, wireless communications and programming.

Business and Entrepreneurship

One of the key strengths of the program is the business curriculum, which gives students practical knowledge in finance, marketing, management and public policy with special focus on the telecommunications industry. Students armed with this knowledge can successfully take on leadership and management positions in large telecommunication companies. Those planning to start their own businesses can take advantage of the University's wide range of entrepreneurial resources.

Modern Life Integration

As the internet of things (IoT) becomes integrated into modern life, the ubiquitous presence of wireless networks creates many new possibilities for improved convenience and expanded commerce. Machine-to-machine (M2M) communications and IoT are poised to transform our society in a similar way that cellular communication systems have in the last two decades. The Master's in Telecommunications program offers courses in IoT and M2M communications. Courses can be based off of student's interests including networking aspects or underlying infrastructure and design. Students can study the emerging world of smart devices or create their own IoT application.



An Ideal Location

The University of Maryland is located in one of the most prosperous and fastest-growing technology areas in the U.S., where more than half of the nation's internet traffic is carried on the communications lines of local industry. This vibrant region offers students a wealth of opportunities in the local telecom industry. Home to more than 3,000 high tech companies, the Washington D.C. metropolitan area has recently be called one of the hottest tech cities in the nation by *Newsweek*.

telecomprogram@umd.edu | 301-405-3682 | www.telecom.umd.edu
2433 A.V. Williams Building | University of Maryland | College Park, MD 20742