

# NETWORKING SOFTWARE DEVELOPMENT (Z119)

---

Graduate Certificate Program  
College: Engineering

## ABSTRACT

The aim of the Graduate Certificate in Networking Software Development is to encourage the students to acquire specialized knowledge and skills in the technical areas of networking and software development. We have positioned this Certificate to expose the students to both computer networking and software development, which will allow them to go through a well-balanced coursework in excess of the Master's degree requirements. While completing the certificate program, students will also acquire/develop additional practical problem-solving, programming and analytical skills. Typical industry positions our students take after graduation that would benefit from this Certificate include: software engineer or software quality engineer (for a networking device vendor such as Cisco or a cloud service provider such as Amazon), system engineer, or cloud engineer.

## 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> (<http://www.telecom.umd.edu/>)

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

## ADMISSIONS

The Certificate in Computing Systems is only available to current Telecommunications (<https://academiccatalog.umd.edu/graduate/programs/telecommunications-ents/>) students.

## REQUIREMENTS

- Networking Software Development, Post-Baccalaureate Certificate (P.B.C.) (<https://academiccatalog.umd.edu/graduate/programs/networking-software-development-z119/networking-software-development-pbc/>)