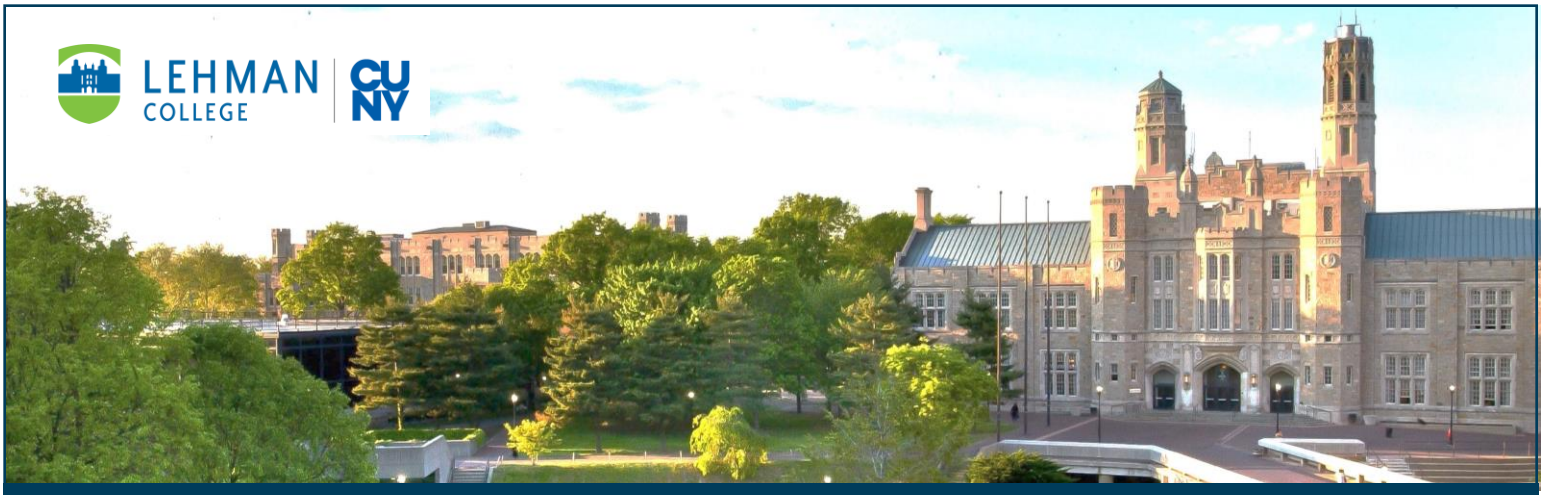

Graduate Admissions

Computer Science

Master of Science in Computer Science

The Computer Science program is offered for (a) recent graduates who wish to continue their studies while beginning their professional careers; (b) individuals presently employed in computer-related fields who wish to qualify for advanced career opportunities or training; (c) individuals who seek a career change.

ADMISSIONS REQUIREMENTS

- Official transcripts from all post-secondary institutions attended
  - Have attained a bachelor's degree (or its equivalent) from an accredited college or university
  - Have attained a minimum undergraduate grade point average of B in the field selected for the graduate major and a minimum grade point average of B- in the undergraduate record as a whole
- Two letters of recommendation
- Current professional resume
- A 500-word essay outlining intellectual and academic interests, accomplishments, and career objectives
- Have taken the following courses:
  - Two semesters of calculus
  - One semester of linear algebra
  - Two semesters of programming in high-level languages
  - One semester of programming in assembly language
  - One semester in data structures
- If conditionally admitted, satisfy the conditions within one year

DEGREE REQUIREMENTS

- Students must complete a program of 36 credits (nine courses), chosen with permission of the Graduate Advisor
- The following courses are required of all students:
  - CMP 761 Analysis of Algorithm
  - CMP 692 Programming Languages or an elective course
  - CMP 697 Operating Systems
- The remaining six courses must be chosen from among all CMP courses numbered 600 and above
- A master's thesis or a written comprehensive examination. The thesis option is subject to approval of the Graduate Advisor

Course Requirements		Credits
CMP 605	BASIC and Computer-Assisted Instruction	3-4
CMP 607	LOGO and Computer-Assisted Instruction	3
CMP 609	Programming in Pascal	4
CMP 683	Numerical Analysis	4
CMP 685	Computability Theory	4
CMP 692	Programming Languages	4
CMP 695	Survey of Computer Hardware	4
CMP 697	Operating Systems	4
CMP 717	Video Game Programming	4
CMP 731	Systems Analysis and Design	4
CMP 736	Introduction to Enterprise Computing	4
CMP 737	Software Engineering	4
CMP 738	Communicating Robots	4
CMP 743	Principles of Communications Networks	4
CMP 747	Linear Programming and Operations Research	4
CMP 758	Database Systems	4
CMP 761	Analysis of Algorithms	4
CMP 762	Automata Theory	4
CMP 765	Artificial Intelligence	4
CMP 767	Computer Graphics	4
CMP 768	Simulation and Modeling	4
CMP 770	Compiler Construction	4
CMP 773	Image Processing	4
CMP 774	E-Commerce Technologies	4
CMP 775	Combinational and Graph Algorithms	4
CMP 776	Parallel Algorithms and Architecture	4
CMP 788	Topics in Computer Science	4

Questions about the program?

Prof. Mingxian Zhong

mingxian.zhong@lehman.cuny.edu

Questions about admissions?

The Office of Graduate Admissions

http://www.lehman.edu/admissions

Last updated: July 18, 2023