



NIU Computer Science at The University Center

We're thrilled that you've decided to pursue your education at a place close to home. Through our program at The University Center at Harper College, you'll earn a Bachelor of Science degree in computer science while gaining knowledge and developing your skills through classes taught by faculty who know the field. Our program provides instruction in various languages (e.g., C++, Java, IBM Assembler, PHP, JavaScript, C# and Perl), software engineering, security, database and development environments such as .NET and operating systems.

This degree will prepare you for software development careers in virtually any industry. Job prospects increase if you have experience with a variety of programming languages or have gained experience through internships.

You have plans for the future. We'll help you get there.

Let's get started...

- Schedule a meeting with the University Center to learn more about the program and to discuss requirements.
- Stop by and visit Brenda Powell, NIU transfer counselor, on Mondays (either in the University or in front of Starbucks) to get answers regarding applying to NIU. Schedule an appointment by going to go.niu.edu/Harper-appointments.
- Apply to NIU as a transfer student (select the option off campus) and submit your transcripts.
- Setup your MyNIU account to stay updated on your application status.
- Accept your admission through your MyNIU account to confirm your spot.
- Apply for financial aid by completing the FAFSA.
- Contact NIU advisors for guidance prior to registering for classes.

Advisor Contacts

**Harper College
University Center**
847-925-6315
universitycenter@harpercollege.edu

Major Advisor
*(Advising done by phone
or email.)*
Daniel Rogness
815-753-0378
drogness1@niu.edu

Your NIU advisor will work with you to plan your course schedules for a timely graduation. It is highly recommended that you schedule an appointment with your computer science advisor once a semester to discuss your degree progress and select courses for the upcoming semester.



Northern Illinois
University



Harper College



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Degree Pathway — Software Development

* Denotes required pre-requisite courses.

Year 1

Fall

ENG 101 English Composition I
SPE 101 Speech Communication
MTH 103 College Algebra
Social and Behavioral Sciences

Spring

ENG 102 English Composition II
MTH 220 Discrete Mathematics*
Physical and Life Sciences
Humanities and Fine Arts

Year 2

Fall

CSC 121 Computer Science I*
MTH 134 Calculus for Social Scientists*
Social and Behavioral Sciences
Physical and Life Sciences
Major Discipline and Transfer Elective

Spring

CSC 122 Computer Science II*
Humanities and Fine Arts
Additional science course
Major Discipline and Transfer elective(s)

Year 3

Fall

CSCI 330 UNIX and Network Programming
CSCI 340 Data Structures and Algorithm Analysis
Human Diversity Requirement course
(if needed) or elective
STAT 200 Elementary Statistics

Spring

CSCI 360 Computer Programming
in Assembler Language
CSCI 466 Databases
Elective
Elective

Year 4

Fall

CSCI 463 Computer Architecture and
Systems Organization
CSCI 467 Introduction to Software Engineering
CSCI 465 Enterprise Application Environments

Spring

CSCI 480 Principles of Operating Systems
CSCI 300+ Elective
CSCI 390+ Elective
Elective

NIU Bachelor of Science Requirements

Candidates for the Bachelor of Science degree must demonstrate competence in laboratory science/mathematical/computational skills. This requirement can be met by completing a four semester sequence listed in the undergraduate catalog. If you are seeking a B.S. degree, see an advisor to determine which sequence to complete and which additional courses may be required for your major.

Graduation Requirements

NIU requires a total of 120 credit hours to graduate, with 54 hours required at the university level. A minimum of 40 hours must be in courses at the 300 and/or 400 level. More information is available at go.niu.edu/graduation-requirements.



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