COMPUTER SCIENCE
Integrated Undergraduate/Graduate Program

Are you considering the possibility of earning a Master's Degree but are unsure of the additional time commitment beyond your undergraduate career? The primary purpose of this program is to provide outstanding undergraduate students in the College of IS&T the option to complete the undergraduate degree in Computer Science (BS in CS) and the graduate degree in Computer Science (MS in CS) in five years (138-141 credit hours). The Integrated Undergraduate/Graduate (IUG) program is designed for dedicated students who are motivated and willing to take on the challenges of graduate education early. As such, the program involves both intensive study and preparation in the CS field. The IUG program allows students to follow either a general or a specialized concentration study plan. The areas of concentration include (1) artificial intelligence, (2) database/knowledge engineering, (3) dependable computing systems, (4) network technologies, (5) software engineering, and (6) systems.

IUG CS Program of Study

The IUG program is a 138-141 credit hour undergraduate/graduate option that allows eligible students to work towards MS in CS requirements while completing their undergraduate degree. Students interested in this option will work closely with an advisor and a faculty mentor to develop an integrated plan of study

General Guidelines

- Students will be eligible for admission to the integrated degree program when they have completed their junior year in the College of IS&T. Eligible students will start taking courses in the graduate program in their senior year.
- Students must apply to and meet admission requirements for the Master's Degree in Computer Science.
- In consultation with an advisor and a faculty mentor, students will be required to prepare a plan of study. The plan will cover the entire time period of the program and it will be periodically reviewed with an advisor. Students admitted to the integrated degree program will be required to complete any applicable graduate foundation courses or their equivalent undergraduate courses during their junior/senior years.
- Students will be required to pay graduate tuition rates when taking graduate courses.

Admission Requirements and Procedures

- Students pursuing an undergraduate degree in CS with junior standing and at least 85 hours of completed coursework in their undergraduate degree program may apply for admission consideration into the IUG program.
- At the time of application, students must have a GPA of 3.5 or higher, both overall and for the coursework for their major.
- Interested students will be required to present a portfolio of the following credentials:
  - Two letters of recommendation with at least one from faculty
  - Undergraduate transcripts
  - GRE General Score for non-UNO transfer students
  - Other supporting documents (e.g., resume, projects and papers, software, work experience, etc.) should be included where possible.
- Students are highly encouraged to identify and work with a faculty mentor who knows their background and can advocate for their application to the IUG program.
- All applicants will need to meet any other admission requirements established for the MS in CS program.

Other Requirements

- The application to the IUG program will be considered as a complete package and a high GPA alone is not a guarantee of admission.
- Students are allowed to use a maximum of 6 hours of 8xx6 and 6 hours of 8xx0 courses toward the core extension requirement of the undergraduate degree, provided the courses are not the graduate equivalent of the CS core undergraduate requirements. The choice of graduate level courses in the core extension must also meet the requirements of the concentration plan for the integrated program.