

MS in Industrial & Systems Engineering



About Northern Illinois University

Northern Illinois University (NIU) is a public research university in DeKalb, Illinois, United States, with satellite centers in Chicago, Hoffman Estates, Naperville, Rockford and Oregon. It was founded as Northern Illinois State Normal School on May 22, 1895, by Illinois Governor. The university is composed of seven degree-granting colleges and has a student body of 25,000 with over 240,000 alumni. Many of NIU's programs are nationally accredited for meeting high standards of academic quality, including business, engineering, nursing, visual and performing arts.



Over 5,000 graduate students from around the world attend NIU each year. With 66 master's degree programs, 22 doctorate degree programs and 81 certificates of graduate study, students will advance their education and their career with a post-secondary degree from NIU.

The University offers the students outstanding opportunities for research, innovation and hands-on learning across every academic program.

Northern Illinois University is accredited by the Higher Learning Commission and is a member of the North Central Association of Colleges and Schools. The Carnegie Foundation for the Advancement of Teaching classifies NIU as a High Research Activity University. The University values diversity in its programs, faculty and most importantly, in its students.

About the program

NIU and PSG has signed a 1+1 agreement facilitating PSG students to take first year of graduate course work (up to 15 credit hours) at PSG and the second year of course work (at least 16 credit hours) at NIU. Essentially this agreement reduces the total cost by more than 75% (as the first year of study is completed at PSG). During the first year, PSG faculty are teaching the same set of courses which NIU also offers, therefore the quality of education is maintained at par with NIU standards. All the students under this program are still eligible for tuition waivers, teaching and research assistantships, Curricular Practical Training (internships) and Optional Practical Training (after graduation, before seeking H1B visa)..

The Department of Industrial and Systems Engineering has received over \$6 million in research funding from the local businesses and hired over 200 graduate students to work on these projects in the past 5 years. Nearly 80% of our students do at least one paid internship, 60% do at least two internships and almost all of our graduate students find a full time employment within three months from the time of graduation.

The department has state-of-the-art laboratories, caring faculty and staff, vibrant research opportunities and active alumni.

Indian Student Association is the largest international student association on campus and ISYE is home to more than 40% of the Indian Students on campus.

Eligibility and admission criteria

Students with CGPA of more than 7.5 in any branch of 4 years engineering are eligible for admission. Applicants with bright academic credentials may be given direct admission. Other short listed candidates will be called for interview / entrance test. Admitted candidates must get fluency in English Language and clear TOEFL with a test score of more than 80 / 120 before travelling to NIU.. They should also take up GRE during 1st year and get a score of more than 195 on new scale in analytical reasoning section to be eligible for admission to the 2nd year of study at Northern Illinois University.

Student Life at NIU



Student Services

- › Housing & Residential Services
- › Health Services
- › University Testing Services
- › Disabilities
- › Career Center
- › Student Organizations
- › Recreation
- › Diversity

Housing & Residential Services

If you are thinking about attending NIU you probably have many questions about your housing and dining options. You may be wondering where you'll live on campus and what amenities you'll have in your room. Or maybe you are trying to create a budget and you need to calculate the cost of living in a residence hall versus commuting from home or off-campus. We can help you with all of that.

Start by comparing our residence halls and discovering the wide variety of unique living-learning opportunities. You can also learn more about on-campus dining venues. Or if you want you can even schedule a tour to see our residence halls in person.



NIU Career Development Pathway

The NIU Career Development Pathway (CDP) follows students' progress from early through degree completion. The CDP, hosted on University's Community Portal, offers centralized access professional development resources and services through the following stages.

Self-Discovery

Entails a self-assessment survey to assess your confidence in 30 different skills in five categories: communication, leadership and management, professionalism, capability to conduct research and career development. Reflect on the professional development skills and identify those that need fine-tuning.

Explore Careers

Matches NIU graduate degree programs and certificates with Bureau of Labor Statistics data, career links and job analytics. Students can also connect with alumni from the concerned discipline via LinkedIn, set up informational interviews and more.

Build Skills

Target specific skills of interest, such as grant writing or authoring and publishing at the CDP workshops. To make the most out of your CDP, choose topics that correspond with the skills from self-assessment.

Make it Happen

Through use of real-time job analytics from over 40,000 professional job-posting sites, the university can help students to identify the top employers in the area of interest, job versus doctoral and more. Contact us at graduatecareers@niu.edu to schedule one-on-one advising.

Discovering your career path begins at Career Services. We're here to help you connect your major to a career that interests you. From creating your resume and cover letter to connecting with employers, our staff will help prepare you for career success. We offer a range of resources and services to guide you at each stage of your career preparation. Contact us to get started on your journey.

Job Opportunities & Career Services

NIU provides resources and services for students who are interested in a part-time jobs, career planning or an internship, for employers who wish to recruit NIU students.

Website: www.niu.edu

