

Post-Baccalaureate Certificate in Logistics

About This Program

The Industrial Engineering Graduate Certificates are designed to allow students to develop their skills in key application areas. Students enrolled in the Logistics Graduate Certificate may also apply to the Master of Science in Industrial Engineering program at the same time. Courses completed as part of the certificate will also satisfy requirements for the Master of Science program.

Competencies

1. Upon completion, students will understand the role of logistics in the broader supply chain.
2. Upon completion, students will be able to describe key logistics components, including transportation, warehousing, inventory, and order fulfillment.
3. Upon completion, students will be able to apply basic inventory control techniques (e.g., EOQ, ABC analysis).
4. Upon completion, students will be able to demonstrate knowledge of warehouse layout, storage systems, and safety protocols.
5. Upon completion, students will understand modes of transportation (air, sea, rail, road) and their applications.
6. Upon completion, students will be able to describe basic procurement processes and supplier relationship management.
7. Upon completion, students will be able to communicate effectively with team members, suppliers, and customers.

Admissions Criteria

UNCONDITIONAL ADMISSION

Applicants meeting the following criteria may be admitted without conditions.

- A GPA of at least 3.0 in the last 60 hours of undergraduate coursework.
- A GPA of at least 3.0 in all prior graduate work.
- A minimum score of 155 on the GRE Quantitative section and 146 on the GRE Verbal section.
- A BS or MS in Engineering or Science.

Remedial course work may be required if an applicant does not have an engineering or science background.

GRE WAIVER

Applicants may request a GRE Waiver (<https://common.forms.uta.edu/view.php?id=71616>.) if they meet all other admission criteria, they have graduated from an ABET accredited institution, and have a minimal of two years of relevant work experience post-degree.

Curriculum

Foundations

IE 5317	INTRODUCTION TO PROBABILITY AND STATISTICS	3
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Specialization

Select 3 from the following:		9
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IE 5310	PRODUCTION SYSTEMS DESIGN	
IE 5329	PRODUCTION AND INVENTORY CONTROL SYSTEMS	
IE 5333	LOGISTICS TRANSPORTATION SYSTEMS DESIGN	
IE 5334	LOGISTICS DISTRIBUTION SYSTEMS DESIGN	
OPMA 5368	GLOBAL SUPPLY CHAIN MANAGEMENT	
OPMA 5369	SUPPLY CHAIN LOGISTICS	

Select one graduate course from engineering or science, or a course from the College of Business approved by advisor.		3
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Total Hours		15
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Program Completion

CONTINUATION

In order to continue in the program toward graduation, each graduate student must:

- Maintain at least a 3.0 overall GPA in all coursework taken as a graduate student and in their program, and
- Demonstrate suitability for professional practice.

If questions are raised by graduate faculty regarding either of the above, the student will be notified and will be provided the opportunity to respond to the Committee on Graduate Studies in the Department. The Committee on Graduate Studies will review the student's performance and make a recommendation concerning the student's eligibility to continue in the program. Appeal of a decision on continuation may be made through normal procedures outlined in the section of this catalog entitled "Grievances Other than Grades."

Advising Resources

New M.S. Students will attend a departmental orientation and receive advising for first-semester courses. Fast-Track M.S. Students must talk to an M.S. program advisor when enrolling at the beginning of each semester. New Ph.D. students will receive email communications from the Ph.D. program advisor on course requirements, course waivers, diagnostic exam, and other policies as appropriate. Students are welcome to contact program advisors via email with any questions.

Location:

420 Woolf Hall

Email:

imseinfo@uta.edu

Phone:

817-272-3092

Web:

Contact a graduate advisor (<https://www.uta.edu/academics/schools-colleges/engineering/academics/departments/industrial/students/grad-advising/advisor-contact/>)