

Bachelor of Science to Master of Science in Electrical Engineering Fast Track

About This Program

Bachelor of Science in Electrical Engineering to Master of Science in Electrical Engineering Fast Track enables outstanding UT Arlington senior undergraduate students in Electrical Engineering to receive dual undergraduate / graduate course credit for nine credit hours of coursework. These designated graduate courses satisfy both bachelor's and master's degree requirements. This program presentation includes both undergraduate and graduate requirements. The undergraduate degree will be conferred immediately upon completion of the undergraduate degree requirements.

ASSOCIATED PROGRAMS

For detailed information about the programs associated with this Fast Track, refer to their individual degree pages.

Electrical Engineering BS

Electrical Engineering MS

Admissions Criteria

For automatic admission to the undergraduate fast track students must:

1. Have an overall UTA GPA of at least 3.25
2. Have a GPA of at least 3.25 for the following foundation courses:
 - EE 2341
 - EE 3316
 - EE 3318
 - EE 3330
 - EE 3346
 - EE 3407
3. Be within 30 hours of graduation for the UTA BSEE degree.

For automatic admission to the graduate program, students must complete at least 6 (but no more than 9) credit hours of 5000-level EE courses with a grade of B or better. These courses will count for both the undergraduate and the graduate degree.

Curriculum

Electrical Engineering Foundations

Complete UTA Core curriculum and BSEE pre-professional program per catalog including: 80

EE 2341 DIGITAL CIRCUITS AND SYSTEMS ¹

Electrical Engineering Specialization (Professional Program)

EE 3314	FUNDAMENTALS OF EMBEDDED CONTROL SYSTEMS	3
EE 3316	CONTINUOUS AND DISCRETE SIGNALS AND SYSTEMS ¹	3
EE 3318	ANALOG AND DIGITAL SIGNAL PROCESSING ¹	3
EE 3330	PROBABILITY AND STATISTICAL METHODS ¹	3
EE 3346	CIRCUIT ANALYSIS II ¹	3
EE 3407	ELECTROMAGNETICS ¹	4
EE 3240	JUNIOR PROJECT LABORATORY	2
EE 4240	CONCEPTS & EXERCISES IN ENGINEERING PRACTICE	2
EE 4149	ENGINEERING DESIGN PROJECT	1
MAE 3309	THERMAL ENGINEERING	3

BS Electives

Select 2-3 courses level 5000-and above 6

Select at least 1-2 Electrical Engineering Junior/Senior elective courses. 6

Select 1 Engineering Elective course (including Electrical Engineering) with prior approval of advisor. 3

Select one 3000/4000 course in Mathematics or Science Elective with prior approval of advisor. 3

Master's Program in Electrical Engineering

Complete requirements for Master of Science in Electrical Engineering per catalog.

21

Total Hours**146**

Program Completion

CONTINUATION

If at any time an undergraduate fast track student falls below the 3.00 GPA requirements or earns a grade below B in a graduate course intended for both undergraduate and graduate credit, the student will be obliged to leave the program immediately and will not be allowed to take additional graduate courses as an undergraduate. If a student does not complete at least two graduate courses with B or better, any graduate credits earned with a grade of C or better will be applied only to the undergraduate degree. Graduate courses used for credit in the undergraduate program cannot be applied towards a graduate degree.

BENEFITS

A student who successfully completes the BS fast track will be automatically admitted to graduate study. The student will not be required to take the Graduate Record Examination, complete an application for graduate admission, or pay an application fee. For more details about the specifics of the fast track program, contact the undergraduate advisor or graduate advisor.

Advising Resources

First time in college students meet with engineering advisors in the UAEC (UAECengineering@uta.edu). Transfer students are advised prior to New Maverick Orientation by the department. Students, please read all student emails carefully and consult the department advising webpage for additional contact information and answers to common questions.

ELECTRICAL ENGINEERING

Location:

NH 501

Email:

ee_ug_advising@uta.edu

Phone:

817-272-2671

Web:[Schedule Advising \(https://outlook.office365.com/owa/calendar/EEAdvising@bookings.uta.edu/bookings/\)](https://outlook.office365.com/owa/calendar/EEAdvising@bookings.uta.edu/bookings/)

RESOURCE AND ENERGY ENGINEERING

Location:

NH 513

Email:

ree_ug_advising@uta.edu

Phone:

817-272-6514

Web:[Schedule Advising \(https://outlook.office365.com/book/EEAdvising@bookings.uta.edu/\)](https://outlook.office365.com/book/EEAdvising@bookings.uta.edu/)