

Electrical Engineering Majors:

Path to a Minor in Mathematics

The mathematics minor will help you to understand mathematics at a deeper level, and it is particularly helpful for students considering graduate work. Electrical Engineering majors can earn a math minor by taking just one course outside of their major requirements.***

Minor Requirements (16 hours)			How the minor course fits into EE major requirements	
	Prerequisite	Credits	Course	Credits
Required Courses				
MATH 3260 – Linear Algebra	C or better in MATH 1190	3	Upper level elective (MATH course above 2335)	3
MATH 2203 – Calculus III	C or better in MATH 2202	4	MATH 2203 (Area F requirement)	4
Elective Courses				
MATH 2306 – Ordinary Differential Equations	C or better in MATH 2202	3	MATH 2306	3
MATH 3332 – Probability Theory	MATH 2203	3	Substitutes for STAT 2332 for Electrical Engineering majors	3
Any MATH course, 3000 level or higher		3	Outside of the major requirement	3

Recommended MATH electives (check prerequisites):

- MATH 3000 (Software of Mathematics)
- MATH 3261 (Numerical Methods I)
- MATH 4260 (Linear Algebra II)
- MATH 4310 (Partial Differential Equations)

***This information was current as of 8/9/23. Please consult with your major department and your advisor to confirm that your major requirements have not changed.