

## Computer 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. Computer Engineering majors can earn a math minor by taking two courses outside of their major requirements.\*\*\*

Minor Requirements (16 hours)			How the minor course fits into CPE major requirements	
	Prerequisite	Credits	Course	Credits
<b>Required Courses</b>				
MATH 3260 – Linear Algebra	C or better in MATH 1190	3	Outside of the major requirement	3
MATH 2203 – Calculus III	C or better in MATH 2202	4	Outside of the major requirement	4
<b>Elective Courses</b>				
MATH 2345 – Discrete Mathematics	C or better in MATH 1113 or MATH 1190	3	MATH 2345	3
MATH 3332 – Probability Theory	MATH 2203	3	Substitutes for STAT 2332 for Computer Engineering majors	3
Any MATH course, 3000 or above	Varies	3	Substitutes for one Engineering Elective	3

For the upper-division MATH course, some suggestions would be (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.