

# COMPUTATIONAL ENGINEERING- UNDERGRADUATE MINOR

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The minor in Computational Engineering is designed to provide students with a concentration in the broad spectrum of computations in engineering, including experience with an object-oriented programming language, a background in computational math techniques, and a number of courses that develop or apply engineering software across a broad base of engineering design problems.

Electives must be taken from the list maintained on the Computational Engineering minor webpage (<https://chme.nmsu.edu/academics/minors/computational-engineering/>)

Prefix	Title	Credits
CHME 392	Numerical Methods in Engineering	3
or M E 261	Numerical Methods	
Choose one from the following:		3
I E 311	Engineering Data Analysis	
STAT 3110	Statistics for Engineers and Scientists	
Choose one from the following:		3
C S 151	C++ Programming	
C S 153	Python Programming I	
ICT 352	Software Technology I	
E T 262	Software Technology I	
An equivalent pre-approved object-oriented programming course		
Electives		9
<b>Total Credits</b>		<b>18</b>