



The doctoral degree in Mechanical Engineering requires 42 semester hours of course work (on a letter-grade basis) beyond the bachelor's degree or its equivalent. Course grades must be C or higher to satisfy PhD degree requirements.

### **Mechanical Engineering**

Major Area	24	Must be in a coherent subject area appropriate to ME, or related combinations. If you completed a master's thesis in this area, it may count for nine semester hours toward this requirement (a copy of the M.S. thesis abstract must be attached to the Ph.D. program of study form). ME 6753, ME 6789, and ME 6799 do not meet this requirement.
Minor Area	12	Must be distinctly different from the major area. The minor is intended to provide depth in an area not directly needed for Ph.D. research or related to the area of the principal expertise of the student.
Electives/Other	6	May be different than the major or minor, or could be applied to either the major or minor area.
<b>Total</b>	<b>42</b>	

All Ph.D. students must complete ME/NRE/MP 8014 (Seminar). These courses are offered on a pass/fail basis and therefore do not count towards the 42 credit-hours of letter-based courses needed for the degree requirement.

ALL Woodruff School PhD students are required to complete three semester hours of Teaching Practicum (ME/NRE 7757) during the course of their doctoral studies.

There are four courses that are either/or when counting towards the PHD/ME degree. Either ME 4405 or ME 6705 can count towards the MSME degree, but not both courses. The same goes for ME 4189 and ME 6442, either one can be used, but not both.