

Graduation Requirements

April 21-25
DAS

ME PHD

36 Didactic Credits

1. ME 2045 - Lin Ctrl
2. ME 2046 - Lin Sys
3. ME 2020 - Mech Vib
4. ME 2027 - Advanced Dynamics
5. ENGR 2811 - Innu. Ppb. Imp.
6. ME 2016 - Nonlinear Dynamic Systems
- ? 7. NUCE 2103 - Intgrn. Nuc. Plant. Sys. w. Rx. Core
- ? 8. NUCE/ME 2100 - Fundmntls NUCE
9. ME 2046 - Dig Ctrl Sys
10. ME 2150 - High Assurance CPS
- ? 11. NUCE 2113 - Rad. Det. & Mgmt.
- ? 12. NUCE 2122 - Mgmt. Princ. in NUCE } Summer 25
13. NUCE 2125 - Case Studies NUCLR Codes Stds. } Fall 25
14. ME 2671 - Optimization Methods
15. ECE 2390 - Image Proc & Cptr Vision

18 ME Credits

1. ME 2045
2. ME 2046
3. ME 2020
4. ME 2027
5. ME 2016
6. ME 2046

NUCE Cert

15 NUCE Credits

1. NUCE 2103
2. NUCE 2100
3. NUCE 2113
4. NUCE 2122 } Summer 25
5. NUCE 2125 } Fall 25

ME MASTERS (Controls Track)

Core Classes 9 credits

1. ME 2015
2. ME 2046
3. ME 2027

Dynamic Systems Electives 6 credits

1. ME 2016 Digital Control Theory
- ~~2. ME 2016 Nonlinear Dynamic Systems?~~
- ~~ME 2150 High Assurance Cyber Physical Systems?~~
2. ME 2020 Mechanical Vibrations

ME Tech Electives 6 credits

1. ME 2016
2. ME 2150

Non-ME Electives 9 credits

1. ENGR 2811
2. NOCE 2103
3. NOCE 2100

Complete after
Spring 2025!