

MECHANICAL AND AEROSPACE ENGINEERING: UNMANNED AERIAL SYSTEMS, PHD

regulations for minimal GPA, language proficiency and other general requirements.

Requirements for Students Matriculating in or before Academic Year 2023-2024. Learn more about Graduate College Academic Regulation 7.0 (<http://catalog.okstate.edu/graduate-college/#70>).

Total Hours: 60

| Code | Title | Hours |
|---|---|-----------|
| UAS Core Courses | | |
| Select 12 hours from the following: | | 12 |
| MAE 5083 | Engineering Acoustics | |
| MAE 5233 | Advanced Fluid Dynamics I | |
| MAE 5313 | Autopilot Design and Test | |
| MAE 5343 | Advanced Aero Propulsion and Power | |
| MAE 5913 | Advanced Aerodynamics | |
| MAE 5923 | Guidance and Control of Aerospace Vehicles | |
| MAE 5943 | Unsteady Aerodynamics and Aeroacoustics | |
| MAE 5963 | Unmanned Aerial Systems Design and Analysis | |
| MAE 5973 | Unmanned Aerial Systems Propulsion | |
| MAE 5983 | Aircraft Certification and Test | |
| MAE 6313 | Atmospheric Flight Control | |
| Hours Subtotal | | 12 |
| MAE Electives ¹ | | |
| Select 9 hours (Any MAE graduate-level course supporting UAS research will be allowed with permission of the student's faculty advisory committee): | | 9 |
| Technical Electives | | |
| Select 9 hours (Any graduate-level course will be allowed with permission of the student's faculty advisory committee): | | 9 |
| Hours Subtotal | | 18 |
| Research ¹ | | |
| MAE 6010 | Advanced Study ¹ | 6 |
| Twenty-four hours from: | | 24 |
| MAE 6000 | Doctoral Dissertation | |
| Hours Subtotal | | 30 |
| Total Hours | | 60 |

¹

To be taken the same semester as the Preliminary Examination in order to be assigned a letter grade.

Graduate College Doctor of Philosophy (PhD) Requirements

Learn more about Graduate College 2023-2024 Doctor of Philosophy (PhD) Degree Program Requirements (<http://catalog.okstate.edu/graduate-college/>). Check the General Graduate College academic