Aerospace Systems Engineering, PhD

The MAE Department offers a PhD program in Mechanical Engineering.

The following table is an outline of the program of study requirements. Students should consult their dissertation advisor and supervisory committee to develop their program of study.

**Program of Study**

**Engineering Major**
Minimum of 27 semester hours of graduate coursework from MAE or related departments 27
With approval, a Master's Thesis may be counted 6 semester hours towards this total.

**First Minor**
ISE 627 ENGINEERING SYSTEMS 3
9 semester hours of graduate courses in an approved engineering area of specialization 9

**Second Minor**
MAE 692 GRAD ENGR ANALYSIS I 3
6 semester hours of graduate coursework in mathematics (Typically MAE 693 and ISE 690) 6

**Doctoral Dissertation**
18 hours (minimum) of MAE 799 - Doctoral Dissertation 18

**Graduate Seminar**
MAE 684 AEROSPACE SYSTEMS SEMINAR 1

**Total Semester Hours** 67

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1 Any PhD candidate who has not completed MAE 684 during their MSE degree at UAH must take MAE 684.

With prior approval, up to 12 semester hours of 500 level courses may be taken in fulfillment of the Basic and specific program requirements.