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

With approval, a Master's Thesis may be counted 6 semester hours towards this total.

#### First Minor
12 semester hours of graduate courses in an approved engineering area of specialization

#### Second Minor
- MAE 692 GRAD ENGR ANALYSIS I
- MAE 671 CONTINUUM MECHANICS

3 semester hours of graduate coursework in mathematics (Typically MAE 693)

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

#### Graduate Seminar
MAE 683

#### Total Semester Hours
67

1 Any PhD candidate who has not completed MAE 683 during their MSE degree at UAH must take MAE 683.

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