

BIOMEDICAL ENGINEERING, PHD

The Ph.D. is an academic degree that prepares students for careers in teaching and research. A Master's degree is not required for students seeking the Doctoral degree.

Requirements

The specific requirements are as follows:

1.) Distribution Requirements

a. Anatomy and Physiology

BMEN 6030 Anatomy & Physio for Engr (3 c.h.)/BMEN 6035 Anatomy & Physiology for Engineers Cadaver Lab (1 c.h.)and BMEN 6070 Quant Physio Lec (3 c.h.)/BMEN 6075 Quant. Physiology Lab (1 c.h.)

b. Biomedical Engineering Domains

One course in three of the four domains, as described in Table 1. Only one (1) of the domain requirements may be satisfied through the completion of a BMEN 3xxx/6xxx domain course

c. Mathematics

One course in advanced mathematics (e.g., various 6000-level MATH courses)

2.) Coursework

The student must demonstrate superior performance while completing 48-hours of graduate study with nine in-class "didactic" classes.