**UAB Department of Biomedical Engineering**

**Proposed Ph.D. Degree Plan (after B.S.)**

Original \_\_\_\_\_\_\_\_\_Revised\_\_\_\_\_\_\_\_\_ (MUST BE TYPED)

*The proposed signed Degree Plan must be submitted to the BME Graduate Program Office* ***within the first semester of the Ph.D. Program.*** *The Degree Plan is subject to approval by the BME Graduate Program Committee, who will evaluate the proposed coursework. Students receiving a stipend, fellowship or assistantship must register for 27 hours of graduate work per year (9 hours per semester) to comply with the UAB Graduate School requirements.*

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Email \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ BlazerID\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Include Course Number, Course Title, and Credit Hours for each proposed course.**

*Course work prior to candidacy: 48 semester hours including at least 36 hours of classes (at least 6 hours of elective BME courses and 6 hours of Life Science Courses), up to 6 hours of non-dissertation research BME 798, and 6 hours of BME Seminar*

*Course work (42 semester hours)*

Number Course Title Hours Term Completed

BME 717/ME 761 EGR Analysis/Math Methods in EGR\_\_ 3.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

or BME 655 Nextgen Biomed-Res Technol. & Skills 3.0\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BME 770 Quantitative Physiology \_\_\_\_\_\_\_\_\_\_\_\_ 3.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BST 621 Statistical Methods I \_\_\_\_\_\_\_\_\_\_\_\_ 3.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

GRD 717 Principles of Scientific Integrity\_\_\_\_\_\_\_ 3.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BME 773 Lab rotation\_\_\_\_\_\_\_\_ 3.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

or BME elective

BME elective \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BME elective \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BME/EGR/Science elective\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BME/EGR/Science elective\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BME/EGR/Science elective\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Life Science \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Life Science \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*BME Seminar (6 semester hours)*

Number Course Title Hours Term Completed

BME 701 BME Seminar 1.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BME 701 BME Seminar 1.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BME 701 BME Seminar 1.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BME 701/BME797 BME Seminar or Journal club 1.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BME 701/BME797 BME Seminar or Journal club 1.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BME 701/BME797 BME Seminar or Journal club 1.0 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Research (6 hours of BME 798 and 24 hours of BME 799. Must complete at least 12 hours of BME 799 over at least two semesters in candidacy)*

*\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

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*Minimum Hours Hours Proposed*

Required With Dissertation With Dissertation

Course work 42 \_\_\_\_\_\_\_\_\_\_\_\_\_

BME Seminar and JC: 6 \_\_\_\_\_\_\_\_\_\_\_\_\_

Research (BME 798 or 799): 12 \_\_\_\_\_\_\_\_\_\_\_\_\_

Dissertation Research (BME 799 ): 12 \_\_\_\_\_\_\_\_\_\_\_\_\_

**TOTAL Credit Hours for Degree (minimum): 72 \_\_\_\_\_\_\_\_\_\_\_\_\_**

Tentative Dissertation Title \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Projected Date of Graduation\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signed \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**RECOMMENDED** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Faculty Advisor (****SIGNATURE REQUIRED****)* ***PRINT NAME***  *Date*

Approved \_\_\_\_\_\_\_\_ Not Approved \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Graduate* *Program Director Date*

COMMENTS:

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(Revised: 3/17/2025)