

## PhD in Biomechanics and Movement Science

Semester

Enrolled: \_\_\_\_\_

Concentration: Applied Anatomy and Biomechanics

Student: \_\_\_\_\_

Advisor: \_\_\_\_\_

Provisions for none 0

Admission:

Any other information relevant to Plan of Study

Course No.	Course Name	Credits	Notes
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Courses 0

Transferred:

**Summer 1**

BMSC 667      EMG Theory and Practice      3

**Fall 1**

BISC 643      Biological Data Analysis      3      \*\* One course Statistics

HESC 680      Exercise, Nutrition and Bone Health      3

BMSC 866      Independent Study: Tibia Finite Elements      3

BMSC 865      BIOMS Seminar      0      #1<sup>st</sup> of 3 semesters of Bioms Seminar

**Spring 1**

BMSC 630      Human Movement Control      3      √ 1<sup>st</sup> of 2 courses outside concentration

BMSC 686      Mathematics in Biomechanics      3      \* One course Instrumentation

BMSC 866      Independent Study: FEA Model Validation      3

BMSC 865      BIOMS Seminar      0      #2<sup>nd</sup> of 3 semesters of Bioms Seminar

**Fall 2**

MEEG 610      Intermediate Solid Mechanics      3

MEEG 686      Cell and Tissue Transport      3      √ 2<sup>nd</sup> of 2 courses outside concentration

BMSC 868      Research      3

BMSC 685      BIOMS Seminar      0      #3<sup>rd</sup> of 3 semesters of Bioms Seminar

**Spring 2**

PHYT 626      Advanced Regional Anatomy: Foot and Ankle      3

ELEG 679      Introduction to Medical Imaging Systems      3

MEEG 683      Orthopedic Biomechanics      3

BMSC 868      Research      3

TOTAL:      42

**Fall 3**

BMSC 964      Pre-Candidacy Doctoral Dissertation  
Proposal Defense      9

**Spring 3**

BMSC 999      Sustaining