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

Student #:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Acceptance Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enrolled:\_\_\_\_\_\_\_\_\_\_

**KENT STATE UNIVERSITY**

**SCHOOL OF HEALTH SCIENCES**

**MASTER OF SCIENCE DEGREE IN EXERCISE PHYSIOLOGY**

**Thesis and Non-thesis Option Requirements (34 semester hours) (23/24)**

**Purpose**: The purpose of the MS in Exercise Physiology is to prepare students for a wide variety of career options within the field of exercise physiology including exercise prescription and research as well as doctoral study.

**Requisite Coursework:** In addition to a baccalaureate degree applicants are expected to have substantial preparation in the sciences which usually includes coursework in biology, chemistry, physics, mathematics, anatomy, biomechanics, and exercise physiology. Evaluation of requisite coursework is made at the time of admission to the Concentration. A limited number of deficiencies may be completed while enrolled as a graduate student, but these will not count toward completion of the MS degree. Graduate coursework completed at other institutions may be considered for transfer credit consistent with University Graduate Studies procedures. Application for the transfer hours should be submitted along with regular application materials. The student’s advisor must approve Substitution(s) of coursework or any program related to changes (e.g. option, advisor), using “Request for Adjustment in Student Program Requirements.”

1. **Departmental Requirements: (6 credit hours)**

**Term Year Grade Hrs**

**ATTR 53018** Ethics for Allied Health Professional F SP Su \_\_\_\_\_\_ A B C D F 3

**EXPH 63050** Research Processes in ATTR & EXPH F SP Su \_\_\_\_\_\_ A B C D F 3

1. **Concentration Requirements: (10 credit hours)**

**EXPH 63051** Quantitative Research Methods in ATTR & EXPH F SP Su \_\_\_\_\_\_ A B C D F 3

**EXPH 63095** Research Seminar F SP Su \_\_\_\_\_\_ A B C D F 1

**EXPH65081** Energy Metabolism and Body Composition F SP Su \_\_\_\_\_\_ A B C D F 3

**OR**

**EXPH 65083** Exercise Energy Metabolism F SP Su \_\_\_\_\_\_ A B C D F 3

**EXPH 65082** Cardio-Respiratory Function F SP Su \_\_\_\_\_\_ A B C D F 3

**OR**

**EXPH 65084** Cardio-Respiratory Dynamics During Exercise F SP Su \_\_\_\_\_\_ A B C D F 3

1. Thesis Option – Requires completion of a thesis project which the student must register for six credit hours (not necessarily at one time) of EXPH 63199 (Thesis I) credit, subsequently maintaining continuous registration in EXPH 63299 (Thesis II) until completion of the thesis. A nominal fee is assessed for registration in EXPH 63299.

**EXPH 63199** Thesis I (2-6) F SP Su \_\_\_\_\_\_ A B C D F 6

1. Non-thesis Option – Requires completion of a combination of six hours of graduate credit as identified below.

**EXPH 63098** Research F SP Su \_\_\_\_\_\_ A B C D F 3

**EXPH 65192** Internship in Ex Phys1 F SP Su \_\_\_\_\_\_ A B C D F 3 or 6

1. Electives1,: (12 semester hours)

Electives may be selected from a wide variety of graduate courses offered throughout the University. Students should check course prerequisites before planning to include a particular course in the program of study. It is expected that students will take at least one course outside of the School of Health Sciences. The following list of possible electives are suggestions and do not include **all** courses which may be relevant to the student’s academic program.

From the School of Health Sciences

1. **Exercise Physiology**

**EXPH 50612** Exercise Leadership and the Older Adult **EXPH 63098** Research

**EXPH 55070** ECG for Ex Physiologist **EXPH 65080** Physiological Basis of Exercise

**EXPH 55065** Exercise Testing **EXPH 65075** Muscle Function and Exercise

**EXPH 55080** Physiology of Exercise **EXPH 65076** Environmental Stress and Exercise

**EXPH 60610** Physiology of Aging **EXPH 65086** Neurobiology of Movement & Exercise

1. **Nutrition**

**NUTR 63520** Macronutrient Nutrition

**NUTR 63518** Advanced Sports Nutrition

Electives – List

**Prefix # Title Advisor Approval TERM GRADE HOURS1**

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I have develop the tentative program with my advisor and submit it as my program of study. I understand that changes in this program require the permission of my advisor and the graduate coordinator.

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Student Signature Advisor’s Signature

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Date Date

1 Other electives may be completed, subject to approval of the faculty advisor (have advisor initial approval in school file). We recommend that electives taken outside of the School of Health Sciences include courses in: BMS, BSCI, EVAL, CHEM, or PSYC.