

Name: _____ Advisor: _____

Student #: _____ Acceptance Date: _____ Enrolled: _____

**KENT STATE UNIVERSITY
SCHOOL OF HEALTH SCIENCES
MASTER OF SCIENCE DEGREE IN EXERCISE PHYSIOLOGY (12/13)
Thesis and Non-thesis Option Requirements (34 semester hours)**

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. All applicants must present Graduate Record Examination results before the application process can be completed. Graduate coursework completed at other institutions may be considered for transfer credit consistent with University Graduate Studies procedures. Application for transfer hours should be submitted along with the regular application materials. The student's advisor must approve Substitution(s) of coursework or any program related changes (e.g. option, advisor), using the "Request for Adjustment in Student Program Requirements.

1. Departmental Requirements: (6 credit hours)

		Term	Year	Grade	Hrs
ATTR 63018	Ethics for Allied Health Professionals	F Sp Su	_____	A B C D F	3
EXPH 63050	Research Processes in Ath. Train & Ex Phys	F Sp Su	_____	A B C D F	3

2. Concentration Requirements: (11 credit hours)

EXPH 65081	Energy Metabolism & Body Composition	F Sp Su	_____	A B C D F	3
EXPH 65082	Cardio-Respiratory Function	F Sp Su	_____	A B C D F	3
EXPH 63051	Quant. & Res. Methods in Ath. Train & Ex Phys	F Sp Su	_____	A B C D F	3
EXPH 63095	Research Seminar	F Sp Su	_____	S U	1
		F Sp Su	_____	S U	1

A. Thesis Option - Requires completion of a thesis project for which the student must first register for six hours (not necessarily all 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)		_____		6
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B. 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 Phys ¹	F Sp Su	_____	S U	3 or 6

4. **Electives**¹: (11 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 the School of Health Sciences. The following list of possible elective courses are suggestions and do not include all courses which may be relevant to the student's academic program.

From the School of Health Sciences -

- EXPH 50612** Exercise Leadership for the Older Adult
- EXPH 55065** Exercise Testing
- EXPH 55070** ECG for Ex Physiologist
- EXPH 55080** Physiology of Exercise
- EXPH 60610** Physiology of Aging
- EXPH 63098** Research
- EXPH 65080** Physiological Basis of Exercise

- EXPH 75075** Muscle Function and Exercise
- EXPH 75076** Environmental Stress and Exercise

- EXPH 75083** Exercise Energy Metabolism
- EXPH 75084** Cardiovascular-Respiratory Dynamics

From the School of Biomedical Sciences -

- BMS 60267 Molecular Pathology I
- BMS 60268 Molecular Pathology II
- BMS 60449 Medical Physiology I
- BMS 68611 Human Gross Anatomy II
- BMS 60450 Medical Physiology II

- BMS 60710 Functional Neuroanatomy
- BMS 68610 Human Gross Anatomy I

From Biological Sciences, Chemistry & Family & Consumer Studies -

- BSCI 50020 Biology of Aging
- BSCI 50142 Bioenergetics
- BSCI 50432 Endocrinology
- BSCI 50433 Mammalian Phys. I
- BSCI 50434 Mammalian Phys. II (+ 50445: Lab II)

- BSCI 60431 Neuroendocrinology
- BSCI 60439 Environmental Physiology
- CHEM 50247 Principles of Biochemistry
- NUTR 53513 Advanced Nutrition II
- NUTR 53520 Nutrition for Fitness

Electives - List

<u>Prefix</u>	<u>#</u>	<u>Title</u>	<u>Advisor Approval</u>	<u>TERM</u>	<u>GRADE</u>	<u>HOURS</u> ¹
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

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

Student Signature

Advisor's Signature

Date

Date

¹Other electives may be completed, subject to approval of the faculty advisor (have advisor initial approval in school file).