

 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Graduate Programs		UGPC Approval _____ UFS Approval _____ Banner _____ Catalog _____
	Department Exercise Science & Health Promotion College Science		
Program Name Exercise Science & Health Promotion		<input type="checkbox"/> New Program* <input checked="" type="checkbox"/> Change Program*	Effective Date (TERM & YEAR) Fall 2022
<p>Please explain the requested change(s) and offer rationale below or on an attachment.</p> <p>We are proposing the Exercise Physiology concentration in the Master of Science in Exercise Science & Health Promotion degree moves from a 36 hour to a 30 hour program. This fully online program will have a set rotation creating a reliable schedule for graduate students to expedite their progress through the program. Changes in elective course offerings are listed in the description document and new program sheets. We are also permanently removing the CPR certification requirement. For further details please see attached memo titled Memo of Changes for the Exercise Physiology Concentration.</p>			
<small>*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.</small>			
Faculty Contact/Email/Phone Christopher Boerum/cboerum@fau.edu/954-892-8001		Consult and list departments that may be affected by the change(s) and attach documentation Educational Leadership and Research Methodology	
Approved by Department Chair _____ College Curriculum Chair _____ College Dean <i>William David Kelley</i> _____ UGPC Chair _____ UGC Chair _____ Graduate College Dean _____ UFS President _____ Provost _____			Date _____ 2-28-2022 _____ 03-14-22 _____ _____ _____ _____ _____ _____

Email this form and attachments to UGPC@fau.edu 10 days before the UGPC meeting.

Master of Science with Major in Exercise Science and Health Promotion

The master's degree with major in Exercise Science and Health Promotion may be structured with a concentration in Exercise Physiology or Health Promotion. Both concentrations are only offered online.

Admission Requirements

1. The student must meet College and University requirements.

2. Any applicant seeking admission into the M.S. program with a major in Exercise Science and Health Promotion must have:

a. A minimum grade point average of 3.0 in the last 60 credits of undergraduate work attempted prior to receiving the bachelor's degree and minimum Graduate Record Examination (GRE) scores of 141 on both the verbal and quantitative portions, as well as an analytical writing score of 3.5; or, for those who took the exam before August 2011, a minimum combined score of 800 or equivalent on the verbal and quantitative portions: **OR**

b. A minimum grade point average of less than 3.0 in the last 60 credits of undergraduate work attempted prior to receiving the bachelor's degree and minimum GRE scores of 146 on both the verbal and quantitative portions, as well as an analytical writing score of 4; or, for those who took the exam before August 2011, a minimum combined score of 1000 or equivalent on the verbal and quantitative portions.

3. Graduate students are required to have CITI certification.

[Top](#)

Exercise Physiology (18 credits)		
Advanced Exercise Physiology 1	APK 6111	3
Research & Evaluation	PET 6505C	3
Advanced Exercise Physiology 2	APK XXXX	3
Advanced Sports Nutrition	HUN 6247	3
Advanced Exercise Testing & Prescription	PET 5551	3
Strength & Conditioning Program Design	PET 5391	3
Electives - 12 credits		
Exercise Neuroscience	PET 5077	3
Needs Assessment & Program Planning	HSC 6248	3
Drug Abuse Behavior	HSC 5166	3
Health Behavior, Hlth Ed & Hlth Promotion	HSC 6585	3
Chronic Stress & Population Health	HSC 5177	3
Advanced Concepts in Health Promotion	HSC 5587	3
Evaluation of Health Promotion Ed	HSC 6115	3
Skeletal Muscle Physiology	PET 6382	3
Human Obesity	HSC 5178	3

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Personal & Community Health	HSC 5203	3
Epidemiological Basis of Health	HSC 6505	3
Directed Independent Study	PET 6905	1-5
Special Topics	PET 5930	1-4
Practical Applications in Exercise Science and Health Promotion	PET 5947	1-3
Thesis option*		6
Total		30 credits

Health Promotion (14 credits)		
Needs Assessment and Program Planning in Health Promotion	HSC 6248	3
Research & Evaluation	PET 6505C	3
Health Behavior, Health Education and Health Promotion	HSC 6585	3
Evaluation of Health Promotion Ed	HSC 6115	3
Personal & Community Health	HSC 5203	3
Epidemiological Basis of Health	HSC 6505	3
Electives - 12 credits		
Drug Abuse Behavior	HSC 5156	3
Exercise Neuroscience	PET 5077	3
Advanced Exercise Physiology 1	APK 6111	3
Advanced Exercise Physiology 2	APK XXXX	3
Advanced Sports Nutrition	HUN 6247	3
Chronic Stress & Population Health	HSC 5177	3
Advanced Concepts in HP	HSC 5877	3
Skeletal Muscle Physiology	PET 6382	3
Advanced Exercise Testing & Prescription	PET 5521	3
Strength & Conditioning Program Design	PET 5391	3
Human Obesity	HSC 5178	3
Directed Independent Study	PET 6905	1-5
Special Topics	PET 5930	1-4
Practical Applications	PET 5947	1-3
Thesis option*		6
Total		30 credits

1. MS Degree is a minimum of 30 hours

2. If choosing the thesis option there are 6 thesis hours

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3. Up to 3 credits of Directed Independent Study (PET 6905) may be counted toward this degree

4. FAU students who applied through the accelerated BS/MS program may carry in 12 graduate credits from UG degree

5. Thesis student must adhere to thesis deadlines. See ESHP graduate coordinator and thesis chair.

6. All students must turn in graduate application according to FAU calendar.

7. Advanced Ex. Phys courses are not sequential.

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Memo of Changes for Exercise Physiology Concentration

Overview

This 30-hour concentration, offered only fully online, would streamline the graduate program with the possibility of completing the degree in one year. For FAU students enrolled in the accelerated BS/MS program, these changes make a 4+1 program possible, providing numerous advantages. This program underwent the following changes:

- Merging core and required courses (initially 22 hours) into core courses (18 hours) and electives (12 hours) by removing 3 elective hours and STA 6133.
 - There would be 6 elective hours and 6 thesis hours if a thesis is desired.
- Four name changes:
 - Advanced Exercise Physiology to Advanced Exercise Physiology 1
 - Human Systems to Advanced Exercise Physiology 2
 - Seminar in Exercise and Aging to Exercise Neuroscience.
 - Skeletal Muscle Plasticity to Skeletal Muscle Physiology
- Removal of pre-requisites which made the program infeasible for non-exercise science bachelor's degrees. Removing pre-requisites aligns with the companion Health Promotion Track.
 - If a prospective student has no academic or professional experience in exercise science, courses such as Nutrition in Health & Exercise and Exercise Physiology may be recommended on a case-by-case basis.
- This concentration would only be offered online, increasing the accessibility to working local and out-of-state students.
- The CPR requirement is to be removed from the catalog.
- All courses are set up on a meticulous rotation so students can enter any semester and graduate on time. There will not be a situation where a class is not offered. Courses are not sequential.

The newly updated concentration can be seen on the following page.

Name _____ Z# _____ Date of Birth _____
 Phone Number _____ FAU Email _____
 Other Email _____
 Address _____ City _____ State _____ Zip code _____

Note: This document is not a substitute for Form 6, but a worksheet to proceed through the program.
 Student should complete this sheet within the first or second semester of coursework with ESHP advisor.

Worksheet-FAU, ESHP Exercise Physiology Concentration:

Check when completed	Course Title	Course No.	Credits	Rotation	Grade	Substitute	Institution	Advisor & Grad Coord. Approval
Required Courses: 18 hours								
	Advanced Exercise Physiology 1	APK 6111	3	Fall				
	Research & Eval	PET 6505C	3	Fall				
	Advanced Exercise Physiology 2	APK XXXX	3	Spring				
	Advanced Sports Nutrition	HUN 6247	3	Spring				
	Advanced Exercise Testing and Prescription	PET 5521	3	Summer				
	Strength & Conditioning Program Design	PET 5391	3	Summer				
Electives: 12 hours								
(required courses for other tracks maybe used for electives and/or the student may choose from the following.)								
	Exercise Neuroscience	PET 5077	3	Fall				
	Needs Assessment & Program Planning	HSC 6248	3	Fall				
	Drug Abuse behavior	HSC 5156	3	Fall				
	Health Behavior, Hlth Ed & Hlth Promo	HSC 6585	3	Fall/Spring				
	Chronic Stress & Population Health	HSC 5177	3	Spring				
	Advanced Concepts in HP	HSC 5587	3	Spring				
	Evaluation of Health Promotion/Ed	HSC 6115	3	Spring				
	Skeletal Muscle Physiology	PET 6382	3	Spring				
	Human Obesity	HSC 5178	3	Summer				
	Personal & Community Health	HSC 5203	3	Summer				
	Epidemiological Basis of Health	HSC 6505	3	Summer				
	Direct Independent Study	PET 6905	1 to 5	All				
	Special Topics	PET 5930	1 to 4	All				
	Practical Applications	PET 5947	1 to 3	All				
(Others are approved by ESHP graduate committee)								
Thesis Option: 6 hours		PET 6971	1 to 6	All				

Read the following information thoroughly.

1. MS Degree is a minimum of 30 hours
2. If choosing the thesis option there are 6 thesis hours
3. Up to 3 credits of Directed Independent Study (PET 6905) may be counted toward this degree
4. FAU students who applied through the accelerated BS/MS program may carry in 12 graduate credits from UG degree
5. Thesis student must adhere to thesis deadlines. See ESHP graduate coordinator and thesis chair.
6. All students must turn in graduate application according to FAU calendar.
7. Advanced Ex. Phys courses are not sequential.

Other Comments:

Student _____
 Advisor _____
 Dept. Chair _____

Date _____
 Date _____
 Date _____

Name_____

Z#_____ Date of Birth _____

Phone Number_____

FAU Email_____

Other Email_____

Address_____ City _____

State_____ Zip code _____

Note: This document is not a substitute for Form 6, but a worksheet to proceed through the program.

Student should complete this sheet within the first or second semester of coursework with ESHP advisor.

Worksheet-FAU, ESHP Exercise Physiology Concentration:									
Check when completed	Course Title	Course No.	Credits	Rotation	Grade	Substitute	Institution	Advisor & Gra	Coord. Approv
Required Courses: 18 hours									
	Advanced Exercise Physiology 1	APK 6111	3	Fall					
	Research & Eval	PET 6505C	3	Fall					
	Advanced Exercise Physiology 2	APK XXXX	3	Spring					
	Advanced Sports Nutrition	HUN 6247	3	Spring					
	Advanced Exercise Testing and Prescription	PET 5521	3	Summer					
	Strength & Conditioning Program Design	PET 5391	3	Summer					
Electives: 12 hours									
(required courses for other tracks maybe used for electives and/or the student may choose from the following.)									
	Exercise Neuroscience	PET 5077	3	Fall					
	Needs Assessment & Program Planning	HSC 6248	3	Fall					
	Drug Abuse behavior	HSC 5156	3	Fall					
	Health Behavior, Hlth Ed & Hlth Promo	HSC 6585	3	Fall/Spring					
	Chronic Stress & Population Health	HSC 5177	3	Spring					
	Advanced Concepts in HP	HSC 5587	3	Spring					
	Evaluation of Health Promotion/Ed	HSC 6115	3	Spring					
	Skeletal Muscle Physiology	PET 6382	3	Spring					
	Human Obesity	HSC 5178	3	Summer					
	Personal & Community Health	HSC 5203	3	Summer					
	Epidemiological Basis of Health	HSC 6505	3	Summer					
	Direct Independent Study	PET 6905	1 to 5	All					
	Special Topics	PET 5930	1 to 4	All					
	Practical Applications	PET 5947	1 to 3	All					
(Others are approved by ESHP graduate committee)									
Thesis Option: 6 hours		PET 6971	1 to 6	All					

Read the following information thoroughly.

1. MS Degree is a minimum of 30 hours
2. If choosing the thesis option there are 6 thesis hours
3. Up to 3 credits of Directed Independent Study (PET 6905) may be counted toward this degree
4. FAU students who applied through the accelerated BS/MS program may carry in 12 graduate credits from UG degree
5. Thesis student must adhere to thesis deadlines. See ESHP graduate coordinator and thesis chair.
6. All students must turn in graduate application according to FAU calendar.
7. Advanced Ex. Phys courses are not sequential.

Other Comments:

Student_____

Date_____

Advisor_____

Date_____

Dept. Chair_____

Date_____

Name_____

Z#_____

Date of Birth_____

Phone Number_____

FAU Email_____

Other Email_____

Address_____ City_____ State___ Zip code_____

Note: This document is not a substitute for Form 6, but a worksheet to proceed through the program.

Student should complete this sheet within the first or second semester of coursework with ESHP advisor.

Worksheet-FAU, ESHP Exercise Physiology Track:						
Check when completed	Course Title	Course No.	Credits	Grade	Substitute	Institution
Prerequisites:						
	Nutrition in Health & Exercise	PET 3361	3			
	Biomechanics	PET 4340C	3			
	Exercise Physiology	APK 4110	3			
	Exercise Lab Techniques	APK 4110L	1			
	Exercise Testing & Prescription	PET 4550	4			
	Anat & Phys I & 2 w/ Labs (recommended)		4			
Core Courses (all tracks): 6 hours						
	Research and Evaluation	PET 6505C	3			
	Educational Statistics	STA 6113	3			
Required Courses: 16 hours						
	Exercise Science Lab Methods	PET 5521	3			
	Advanced Exercise Physiology	APK 6111	4			
	Advanced Sports Nutrition	HUN 6247	3			
	Human Systems Physiology in ES	PET 6356	3			
	Seminar in Exercise & Aging	PET 5077	3			
Electives: 12 hours (non-thesis option needs 12 hours; thesis option needs 6 hours)						
(required courses for other tracks maybe used for electives and/or the student may choose from the following.)						
	Human Obesity	HSC 5178	3			
	Drug Abuse behavior	HSC 5156	3			
	Chronic Stress & Population Health	HSC 5177	3			
	Personal & Community Health	HSC 5203	3			
	Advanced Concepts in Health Promotion	HSC 5578	3			
	Evaluation of Health Promotion/Ed	HSC 6115	3			
	Needs Assessment & Program Planning	HSC 6248	3			
	Epidemiological Basis of Health	HSC 6505	3			
	Health Behavior, Hlth Ed & Hlth Promo	HSC 6585	3			
	Strength & Conditioning Program Design	PET 5391	3			
	Functional Biomechanics	PET 6346	3			
	Skeletal Muscle Plasticity	PET 6388	3			
	Direct Independent Study	PET 6905	1 to 5			
	Special Topics	PET 5930	1 to 4			
	Practical Applications	PET 5947	1 to 3			
(Others are approved by ESHP graduate committee)						
Thesis Option: 6 hours		PET 6971	1 to 6			

Read the following information thoroughly.

1. Graduate students are required to have a current CPR certification.
2. All students must complete all required common courses. Students must select one tract and complete all in that track.
3. Students electing the THESIS OPTION must complete a thesis (6 hours).
4. Thesis student must adhere to thesis deadlines. See ESHP graduate coordinator and thesis chair.
5. Students electing the NON-THESIS OPTION must complete an additional 12 hours of course work.
6. Non-thesis students must take and pass an exit exam based on core courses in their last semester.
7. All students must turn in graduate application according to FAU calendar.
8. Minimum program consists of 34 or 37 credit hours depending on thesis option.
9. DIS's planned as part of the student's 34-37 credit hour minimum must be approved by the entire ESHP faculty.

Other Comments:

Student_____

Date_____

Advisor_____

Date_____

Dept. Chair_____

Date_____