HUMAN PERFORMANCE (M.S.) - CLINICAL

Important: This degree plan is effective for those starting this degree program in fall 2025 through summer 2026. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations, or cognates.

Code	Title	Hours
Core Courses		
EXSC 510	Advanced Exercise Physiology	3
EXSC 511	Advanced Exercise Physiology Lab	1
EXSC 520	Statistical Analysis in Exercise Science	3
EXSC 525	Research Methods in Exercise Science	3
EXSC 550	Advanced Biomechanical Analysis	3
EXSC 551	Advanced Biomechanical Analysis Lab	1
HLTH 645	Performance Nutrition for the Physically Active	3
Total Hours		**17**

Code	Title	Hours
Clinical Cognate		
EXSC 610	Graded Exercise Testing and Electrocardiotherapy	3
EXSC 635	Exercise Prescription for Special Populations: Cardiac and Pulmonary Disorders	3
EXSC 637	Exercise Prescription for Special Populations: Chronic Health Conditions	3
NURS 506	Advanced Physiology and Pathophysiology	3
Total Hours		**12**

Code	Title	Hours
Thesis or Internship Courses [1]		
EXSC 689	Thesis Proposal and Design [2]	3
EXSC 690	Thesis Defense	3
Total Hours		**6**

1. Students may take EXSC 699 Internship (1-6 c.h.) instead of EXSC 689 Thesis Proposal and Design (3 c.h.) and EXSC 690 Thesis Defense (3 c.h.)
2. Any thesis student who is not ready for enrollment in EXSC 690 Thesis Defense (3 c.h.) after completing EXSC 689 Thesis Proposal and Design (3 c.h.) may be required, as determined by the student's thesis chair, to repeat EXSC 689 Thesis Proposal and Design (3 c.h.) until deemed ready for enrollment in EXSC 690 Thesis Defense (3 c.h.)

All applicable prerequisites must be met

Graduation Requirements

- Complete 35 hours
- A maximum of 50% of the program hours may be transferred if approved and allowable, including credit from an earned degree from Liberty University on the same academic level
- 3.0 GPA
- No more than two grades of C may be applied to the degree (includes grades of C+ & C-)
- No grade of D or below may be applied to the degree (includes grades of D+ & D-)
- Liberty University course work that is more than 10 years old may not be applied towards this degree. Students are required to repeat the course if it has exceeded the age limit
- Degree must be completed within 5 years
- Submission of Degree Completion Application must be completed within the last semester of a student's anticipated graduation date

Program Offered in Resident & Online Format

Course Sequence

Course	Title	Hours
First Year		
First Semester		
EXSC 510	Advanced Exercise Physiology	3
EXSC 511	Advanced Exercise Physiology Lab [1]	1
EXSC 520	Statistical Analysis in Exercise Science	3
EXSC 525	Research Methods in Exercise Science	3
	Hours	**10**
Second Semester		
EXSC 550	Advanced Biomechanical Analysis	3
EXSC 551	Advanced Biomechanical Analysis Lab [1]	1
EXSC 635	Exercise Prescription for Special Populations: Cardiac and Pulmonary Disorders	3
HLTH 645	Performance Nutrition for the Physically Active	3
	Hours	**10**
Second Year		
First Semester		
EXSC 610	Graded Exercise Testing and Electrocardiotherapy	3
EXSC 637	Exercise Prescription for Special Populations: Chronic Health Conditions	3
EXSC 689	Thesis Proposal and Design [2,3]	3
	Hours	**9**
Second Semester		
NURS 506	Advanced Physiology and Pathophysiology	3
EXSC 690	Thesis Defense [2,3]	3
	Hours	**6**
	Total Hours	**35**

1. Course offered as an Intensive
2. Students may take EXSC 699[4] instead of EXSC 689 and 690
3. Any thesis student who is not ready for enrollment in EXSC 690 after completing EXSC 689 may be required, as determined by the student's thesis chair to repeat EXSC 689 until deemed ready for enrollment in EXSC 690
4. EXSC 699 is one 6 credit course that should be completed in the final semester