

# M.S. EXERCISE PHYSIOLOGY AND M.S. NUTRITIONAL SCIENCES (48 units)

**2024-2025**

## Required Courses (41 units)

DPT 750	(4)	Concepts in Physiology, Pathophysiology and Pharmacology	
DPT 830	(4)	Cardiopulmonary Therapeutics	
		<i>*prerequisite course: DPT 750</i>	
ENS 601	(3)	Experimental Methods in Exercise and Nutritional Sciences	
		<i>*prerequisite course: undergraduate statistics</i>	
ENS 602*	(3)	Research Evaluation in Exercise and Nutritional Sciences	
		<i>*prerequisite course: ENS 601</i>	
ENS 661	(3)	Seminar in Exercise Physiology	
		<i>*prerequisite courses: ENS 303 and ENS 304</i>	
ENS 662	(3)	Advanced Exercise Physiology Laboratory	
		<i>*prerequisite courses: ENS 304, ENS 304L</i>	
ENS 796	(3)	Exercise Specialist Internship	
		<i>*prerequisite courses: ENS 662, DPT 830</i>	
NUTR 600#	(3)	Seminar: Foods and Nutrition	
NUTR 607#	(3)	Child Nutrition	
NUTR 608#	(3)	Geriatric Nutrition	
NUTR 610#	(3)	Nutrition and Energy	
NUTR 700	(3)	Advanced Seminar in Nutrition	
ENS 799A	(3)	Thesis	
		OR	
ENS 790	(3)	Directed Readings	
			<i>*prerequisite: ENS 602, advancement to candidacy</i>

# Requires NUTR 302 & NUTR 302L as a prerequisite

## Electives (7 units) selected in consultation with faculty & graduate advisor

### Recommended electives:

- ENS 632 Physiological Chemistry of Exercise. Only offered every 3 semesters.
- ENS 798 Special Study - Students should complete at least one unit of ENS 798 which allows them to formulate research ideas, and/or gain clinical practice or research experience. **Requires separate registration paperwork.**
- RWS 508W Scientific Writing
- NUTR 512, Nutrition for Athletes
- ENS 610,611 (F) Biomechanics
- [See list of elective options linked here](#)

### Course Sequencing

	FALL SEMESTER	SPRING SEMESTER
<b>1<sup>ST</sup> YEAR</b>	ENS 601 (F) (3 UNITS) DPT 750 (F) (4 UNITS) ENS 662 (F) (3 UNITS) <i>NUTR 302&amp;L, IF NEEDED</i>	ENS 602(S) (3 UNITS) ENS 661(S) (3 UNITS) NUTR 600(S) (3 UNITS) <i>NUTR 205, IF DPD</i>
<b>2<sup>ND</sup> YEAR</b>	DPT 830 (F) (4 UNITS) NUTR 608 (F) (3 UNITS) ELECTIVE (1-3 UNITS) <i>NUTR 200, IF DPD</i>	NUTR 607 (S) (3 UNITS) NUTR 610 (S) (3 UNITS) ENS 796 (S) (3 UNITS)
<b>3<sup>RD</sup> YEAR</b>	NUTR 700(F) (3 UNITS) ELECTIVE (1-3 UNITS)	ELECTIVE (1-3 UNITS) ENS 790 OR 799A (3 UNITS)