

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

**prerequisite: ENS 602, advancement to candidacy*

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