

Core for Doctoral Students in Exercise Physiology

Required Core

<i>Course number</i>	<i>Short title</i>	<i>Credits</i>
ESS 670	Physiology of Exercise	3
ESS 677 (718)	Muscular Aspects of Exercise Physiology	3
ESS 678 (719)	Cardiovascular Aspects of Exercise Physiology	3

Elective Core

<i>Course number</i>	<i>Short title</i>	<i>Credits</i>
ESS 576	Nutrition and Physical Fitness	3
ESS 650	Scientific Factors Affecting Human Performance	3
ESS 665	Physical Activity and Health	3
ESS 667	Exercise ECG and Cardiopulmonary Medications	3
ESS 668	Advanced Exercise Assessment	3
ESS 669	Advance Exercise Prescription	3
ESS 675	Applied Human Work Physiology	3
ESS 679	Exercise and Older Adults: Advanced	3
ESS 696	Laboratory Technology in Exercise Science	1 or 2
ESS 700	Research Topic in Exercise Science	3
ESS 720	Pathophysiology and Pharmacology	3
ESS 7XX	Endocrinology Aspects of Exercise Physiology	3

Required Core	9 credits
Elective Core	minimum 12 credits
Total Core Credits	minimum 21 credits

Required research prior to Dissertation

ESS 695	Independent study	minimum 3 credits
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Or

ESS 795	Independent Doctoral Research	minimum 3 credits
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Total minimum credits 24