

**Course Information Sheet**  
**Master of Science in Exercise and Sport Physiology**  
**Concentration in Athletic Training**

**Fall 1**

**Credits**

EXS 585	Biomechanics	3	degree core
EXS 600	Research Methods in Health, PE and Recreation	3	degree core
HEA 526	Biostatistics	3	degree core

**Spring 1**

<b>SMD 592</b>	<b>Seminar in Sports Medicine 1</b>	<b>3</b>	<b>conc core</b>
<b>SMD 500</b>	<b>Cadaver anatomy lecture</b>	<b>2</b>	<b>core conc</b>
<b>SMD 501</b>	<b>Cadaver anatomy Lab</b>	<b>4</b>	<b>core conc</b>
	Write thesis proposal		

**Fall 2**

EXS 698	Research I (Thesis seminar)	3	degree core
<b>SMD 505</b>	<b>Evidence Based Practice in Sports Med</b>	<b>3</b>	<b>conc core</b>
	Elective	3	elective
	Elective	3	elective

**Spring 2**

<b>SMD 693</b>	<b>Topics in Sports Medicine</b>	<b>3</b>	<b>conc core</b>
EXS 699	Research II (Thesis)	3	degree core
EXS 681	Advanced Exercise Physiology	3	degree core

**39 credits**

Degree core credits = 18 (EXS 681, 585, 600, 698, 699 and HEA 526)

Concentration core = 15 (SMD 500, 501, 592, 505 and 693)

Electives = 6

39 total

**Suggested Electives – see next page:**

Effective April 2014

SMD 595	Orthopedic Surgical Techniques	3
NSG 522	Epidemiology	3
EXS 587	Environmental Physiology Lab	
EXS 603	Professional literature seminar	3
EXS 687	Applied Muscular Physiology	3
EXS 681	Advanced Exercise physiology	3
EXS 688	Applied Cardiovascular Physiology	3
EXS 691	Advanced clinical ex testing & prescription	3
HEA 501	Integrative Health	3
HEA 510	Adolescent Medicine Issues	3
HEA 515	Professional Ethics in Health Professionals	3
HEA 550	Evidence-Based Medicine and Public Health	3
NTD 501	Nutrition concepts and controversies	3
NTD 522	Nutrition for Health Fitness and Performance	3