



Department of Nursing
 Robert and Donna Manning College of Nursing and Health Sciences
 University of Massachusetts Boston
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**Manning College of Nursing
 and Health Sciences**

EHS MS Curriculum

Applied Exercise Physiology Concentration (AEP)				
Option	Thesis	Credits	Non-Thesis	Credits
Semester 1	EHS630- Advanced Health Fitness and Nutrition Assessment	3	EHS630- - Advanced Health Fitness and Nutrition Assessment	3
	EHS685- Applied Exercise Physiology	3	EHS685- - Applied Exercise Physiology	3
	NU760- Biostatistics	3	NU760- Biostatistics (3)	3
Semester 2	EHS635- Project and Program Management in Health Promotion	3	EHS650- Obesity and Weight Management	3
	EHS655- Advanced Physical Activity and Health	3	EHS655- Advanced Physical Activity and Health	3
	EHS680- Clinical Exercise Physiology	3	EHS680- Clinical Exercise Physiology	3
Semester 3	EHS682- Exercise Metabolism	3	EHS682- Exercise Metabolism (3)	3
	EHS690- Proposal Development	3	EHS635- Project and Program Management in Health Promotion (3)	3
	<i>EHS ELECTIVE</i>	3	<i>EHS ELECTIVE (3)</i>	3
Semester 4	EHS699- Thesis	6	EHS698- Practicum	3
			<i>EHS ELECTIVE</i>	3
Total Credits		33		33

Physical Activity Health Promotion Concentration (PAHP)				
Option	Thesis	Credits	Non-Thesis	Credits
Semester 1	EHS630- Advanced Health Fitness and Nutrition Assessment	3	EHS630- - Advanced Health Fitness and Nutrition Assessment	3
	EHS685- Applied Exercise Physiology	3	EHS685- - Applied Exercise Physiology	3
	NU760- Biostatistics	3	NU760- Biostatistics	3
Semester 2	EHS635- Project and Program Management in Health Promotion	3	EHS650- Obesity and Weight Management	3



	EHS655- Advanced Physical Activity and Health	3	EHS655- Advanced Physical Activity and Health	3
	EHS670- Clinical Exercise Physiology	3	EHS670- Clinical Exercise Physiology	3
Semester 3	EHS656- Exercise Metabolism	3	EHS656- Exercise Metabolism	3
	EHS690- Proposal Development	3	EHS635- Project and Program Management in Health Promotion	3
	<i>EHS ELECTIVE</i>	3	<i>EHS ELECTIVE</i>	3
Semester 4	EHS699- Thesis	6	EHS698- Practicum	3
			<i>EHS ELECTIVE</i>	3
Total Credits		33		33

Elective Courses

Exercise and Health Sciences		
Course #	Course Name	Credits
EHS 610	Exercise and Aging	3
EHS 620	Pediatric Exercise	3
EHS 625L	Quantitative Research Methods	3
EHS 690	Proposal Development	3
EHS 696	Independent Study	3
EHS 697	Special Topics	3
EHS 710	Physical Activity Intervention, Chronic Disease and Disability in Aging	3
EHS 731	Body Composition Assessment	3
EHS 740	Human Motor Control and Movement Dysfunction	3
EHS 745	Theoretical Foundations of Health Behavior	3
EHS 772	Cardiovascular Disease Epidemiology and Prevention	3
EHS 775	Statistical Methods for Epidemiology	3
EHS 783	Neuromuscular Aspects of Exercise in Obesity and Cancer	3
EHS 784	Cardiovascular Aspects of Exercise in Clinical Populations	3
EHS 786	Exercise Endocrinology and Metabolic Disorders	3
EHS 787	Neurovascular Exercise Physiology in Health & Cardiovascular-Related Disease	3
EHS 790	Professional Skills & Grant Writing for Exercise Science	3
Writing/Communication Courses		



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MBAACM 681	Analytical Writing in Management	3
MBAACM 682	Oral Communication for Managers	3
MBAACM 684	Written Communication for Managers	3
Leadership		
DISRES 621	Negotiation	3
NURSNG 765	Leadership and Management in Health Care	3
MBAMGT 680	Management of Health Organizations	3
MBAMGT 683	Leadership Management in the 21st Century	3
Biology & Health Related Courses		
BIOL 612	Advanced Cell Biology	3
BIOL 615	Immunology	3
BIOL 668	Cellular and Molecular Endocrinology	3
BIOL 675	Advanced Molecular Biology	3
BIOL 692	Advanced Physiology	3
BIOL 693	Seminar in Neurobiology	3