

# Health and Rehabilitation Sciences

## Program Requirements

### Core Courses

HRSC 541	Introduction to Scholarly Inquiry and Communication in Health and Rehabilitation Sciences	3.0
RSCH 519	Introduction to Biostatistics	3.0

### Choose a final project or thesis concentration:

Final Project Concentration		3.0-9.0
HRSC 690	Final Project I	
HRSC 691	Final project II	
Thesis Concentration	(Not to exceed 9 credits)	6.0-9.0
HRSC 695	Thesis Research I	
HRSC 696	Thesis Research II	

### Electives: \*

30.0-36.0

BMES 528	Pediatric Engineering I	
BMES 529	Pediatric Engineering II	
BMES 531	Chronoengineering I	
BMES 532	Chronoengineering II	
BMES 571	Biological Evolution: Applications to Human Health and Performance	
BMES 585	Medical Technology Innovation I: Devices	
BMES 641	Biomedical Mechanics I	
BMES 642	Biomedical Mechanics II	
BMES 718	Brain Computer Interfaces	
HRSC 671	Research Practicum I	
HRSC 672	Research practicum II	
HRSC 673	Research practicum III	
HRSC I699	Independent study	
HSAD 500	Historical Influences on the US Healthcare System	
HSAD 501	Managerial Epidemiology	
IPS 502	Advanced Ethical Decision Making in Health Care	
IPS 507	Mindfulness Meditation	
IPS 511	Collaboration with Vulnerable Populations	
IPS 663	Communication and Self-Awareness for Leadership	
IPS 861	Interdisciplinary Approaches in Aging Research	
NFS 526	Lifecycle Nutrition	
NFS 546	World Nutrition	
NFS 625	Nutrition and Exercise Physiology	
NFS 636	Maternal and Child Health Nutrition	
NFS 640	Nutrition of the Schoolchild	
RSCH 700	Foundations in Quantitative Research	
RSCH 741	Foundations in Scholarly Inquiry & Writing	
SCL 501	Coaching Theory and Principles	
SCL 502	Ethical Considerations in Coaching	
SCL 503	Learning Strategies in Coaching	
SCL 504	Coaching Psychology	
SCL 614	Sport Performance & Energy Systems	
SCL 616	Sport Conditioning	
SCL 617	Prevention & Care of Athletic Injuries	

**Total Credits** 45.0-60.0

Additionally, with prior approval from the Program Director, elective credits may be used to fulfill the requirements for a graduate minor.

## Sample Plan of Study

### Final Project concentration- Sample Plan of Study

First Year					
Fall	Credits	Winter	Credits	Spring	
HRSC 541	3.0	BMES 571	4.0	HSAD 501	3.0
NFS 526	3.0	HRSC I699	1.0	IPS 502	3.0
RSCH 519	3.0	HSAD 500	4.0	IPS 861	3.0
	<b>9</b>		<b>9</b>		<b>9</b>

Second Year			
Fall	Credits	Winter	Credits
HRSC 690	3.0	HRSC 691	3.0
HRSC I699	3.0	HRSC I699	1.5
IPS 502	3.0	IPS 663	4.5
	<b>9</b>		<b>9</b>

**Total Credits 45**

### Thesis concentration - Sample Plan of Study

First Year					
Fall	Credits	Winter	Credits	Spring	
HRSC 541	3.0	HRSC 672	3.0	HRSC 673	3.0
HRSC 671	3.0	RSCH 700	3.0	HRSC I699	3.0
RSCH 519	3.0	RSCH 741	3.0	NFS 546	3.0
	<b>9</b>		<b>9</b>		<b>9</b>

Second Year			
Fall	Credits	Winter	Credits
HRSC 673	3.0	HRSC 696	6.0
HRSC 695	3.0	HRSC I699	3.0
NFS 526	3.0		
	<b>9</b>		<b>9</b>

**Total Credits 45**

\* Students complete a minimum of 33 - 36 credits of electives, which may include preapproved electives and other graduate courses from within and outside CNHP as appropriate to support the individualized plan of study. Electives require approval from the Program Director.