

# Kinesiology and Health

## Exercise Science Major – Pre-Physical Therapy

### Course Requirements

REQUIREMENT	NUMBER	COURSE NAME	CREDITS
<b>Kinesiology and Health</b>	01:377:140	Foundations of Kinesiology and Health	1.5
<b>Biology</b>	01:119:115	General Biology I	4
	01:119:116	General Biology II	4
	01:119:117	Biological Research Laboratory	2
<b>Statistics</b>	01:377:275	Basic Statistics for Exercise Science	3
<b>Calculus</b>	01:640:135	Calculus I	4
<b>Chemistry</b>	01:160:161	General Chemistry	4
	01:160:162	General Chemistry	4
	01:160:171	Introduction to Experimentation	1
<b>Physics I</b>	01:750:193	Physics for the Sciences	4
<b>Physics II</b>	01:750:194	Physics for the Sciences	4
<b>Psychology</b>	01:830:101	General Psychology	3
<b>Physiology</b>	01:146:356	Systems Physiology	3
	01:146:357	Systems Physiology Lab	1
	01:377:370	Exercise Physiology	3
<b>Anatomy</b>	01:377:213	Functional Human Anatomy	4
<b>ES Cluster</b>	Must choose two cluster courses from a menu of seven courses.		6
<b>PT Electives</b>	Must choose one Behavioral Science course from a menu of courses.		3
	01:377:160	Introduction to Physical Therapy	1.5
	01:377:161	Observation in Physical Therapy	1.5
<b>ES Electives</b>	At least 6 credits must be at the 300 or 400 level and can include mini-courses. A maximum of one approved course can be outside the major.		9
<b>Administration ES</b>	01:377:407	Administration of Exercise Science	1.5
<b>Internship</b>	01:377:493	Internship in Exercise Science	3 or 6
			<b>Total Credits = 75 - 78</b>

Department of Kinesiology and Health

Loree Gymnasium

70 Lipman Drive

New Brunswick, NJ 08901

Phone: 848-932-9525

**RUTGERS**

School of Arts and Sciences

Visit us at: [kines.rutgers.edu](http://kines.rutgers.edu)

# Department of Kinesiology and Health

## Exercise Science Major – Pre-Physical Therapy

### Sample Plan of Study

#### YEAR 1

Fall		
119:115	General Biology I	4
830:101	General Psychology	3
377:140	Foundations of Kinesiology and Health	1.5
Spring		
119:116	General Biology II	4
119:117	Biological Research Laboratory	2
640:135	Calculus I	4
377:275	Basic Stats for Exercise Science	3
Summer		
Volunteer at PT Clinic - Outpatient		

#### YEAR 2

Fall		
160:161	General Chemistry	4
377:213	Functional Human Anatomy	4
377:160	Introduction to Physical Therapy	1.5
Spring		
160:162	General Chemistry I	4
160:171	Introduction to Experimentation	1
377:161	Observation in Physical Therapy	1.5
__:__	Behavioral Science Elective	3
Summer		
Take GRE		
Volunteer at PT Clinic - Different Clinic		
PTCAS application opens around July 1		
Application due by September 1		

#### YEAR 3

Fall		
146:356	Systems Physiology	3
146:357	Systems Physiology Lab	1
377:____	Exercise Science Elective	3
Spring		
377:370	Exercise Physiology	3
377:____	Exercise Science Cluster	3
Summer		
Volunteer at PT Clinic		

#### YEAR 4

Fall		
750:193	Physics for the Sciences	4
377:493	Internship in Exercise Science	3 or 6
377:407	Administration of Exercise Science	1.5
377:____	Exercise Science Cluster	3
Spring		
750:194	Physics for the Sciences	4
377:____	Exercise Science Elective	3

**@RUDPT43**

Visit us at: [rudpt43.rutgers.edu](http://rudpt43.rutgers.edu)

