

**KEAN UNIVERSITY – COLLEGE OF EDUCATION  
(25141) B.S. EXERCISE SCIENCE: Pre-AT/PT 120 (S.H.)**

For students graduating from Ocean County College with the A.S. in General Studies Science Concentration and transferring to Kean University

**2.75 Minimum GPA Required for Declaration; Major and Graduation: 3.0**

**Kean University Courses are in Blue (46-58 S.H.) Ocean County College Courses are in Green (62 -74 S.H.)**

**Effective Date: Fall 2020**

**See the Current Academic Catalog for Requirements to Graduate with Honors**

<b>GENERAL EDUCATION<sup>1</sup></b>		<b>32 S.H.</b>	<b>ACADEMIC MAJOR</b>	<b>69 S.H.</b>
<b>Foundation Requirements:</b>		<b>13 S.H.</b>	<b>Major Required Courses**</b>	<b>41 S.H.</b>
GE 3000 Transfer Transitions <sup>2</sup>		1	EXSC 1996 Intro to Research in Exsc Sci	1
ENG 1030 College Composition <sup>3</sup>	ENGL 151 English I	3	EXSC 1500 Introduction to Motor Learning	3
Math 1054 Pre-calculus <sup>3,6</sup>	MATH 191 Precalculus	3	EXSC 2500 Introduction to Biomechanics	3
COMM 1402 Speech Communication <sup>3</sup>	COMM 154 Fund of Public Speaking	3	EXSC 2800 Introduction to Exercise Science WE***	3
GE 2022 Research & Technology	ENGL 152 English II	3	HED 3232 Emergency Medical Responder	3
<b>DISCIPLINARY &amp; INTERDISCIPLINARY DISTRIBUTION REQUIREMENTS*</b>		<b>19 S.H.</b>	AT 3500 Care/Prevention Athletic Injuries	3
<b>Humanities</b>		<b>6 S.H.</b>	EXSC 3505 Kinesiology	3
ENG 2403 World Literature	Any Humanities Gen Ed	3	EXSC 3510 Physiology of Exercise	3
Take one "GE Approved " course from one area below			EXSC 3511 Physiology of Exercise Lab	1
Fine Arts/Art History	Any Humanities Gen Ed	3	HED 3515 Wellness	3
Philosophy or Religion			EXSC 3601 Nutrition for Fitness & Wellness	3
Foreign Languages (I & II)			HED 3635 Introduction to Public Health	3
Music or Theatre			EXSC 4605 Stats in Exercise Science	3
Interdisciplinary			EXSC 4626 Prescriptive Ex. Programs	3
			EXSC 4629 Exercise Testing & Interpretation	3
<b>Social Sciences</b>		<b>6 S.H.</b>	<b>Required Courses : Special Concentration</b>	
HIST 1062 Worlds of History	Any Social Science Gen Ed	3		
PSY 1000 General Psychology <sup>4</sup>	PSYC 172 General Psychology	3		
<b>Science and Mathematics</b>		<b>7 S.H.</b>	<b>(See Next Page for Special Concentration)</b>	
Math 1016 Statistics	Technology Gen Ed	3		
CHEM 1083 General Chemistry I <sup>5,6</sup>	CHEM 181 General Chemistry I	4		
<b>Additional Required Courses</b>		<b>19 S.H.</b>		
PSY 3110 Lifespan Psychology <sup>4</sup>	PSYC 278 Lifespan Development	3		
BIO 1000/BIO 1300 General Biology I <sup>5,6</sup>	BIOL 161 General Biology I	4		
BIO 2403 Human Anatomy & Phys I <sup>5</sup>	BIOL 130 Anatomy/ Physiology I	4		
BIO 2404 Human Anatomy & Phys II	BIOL 131 Anatomy/ Physiology II	4		
PHYS 2091 General Physics I <sup>5,6</sup>	PHYS 171 Physics I	4		
<b>Special Instructions</b>			<b>Major Capstone Course</b>	
<sup>1</sup> See pre-requisites and equivalencies in course catalog (on page 2).			<b>3 S.H.</b>	
<sup>2</sup> All undergraduate students must satisfy this University requirement for Graduation by successfully completing GE 3000 (transfers entering with 30 credits or more).			EXSC 4625 Org/Admin Exercise Science***	3
<sup>3</sup> Requires a minimum grade of C or better.			<b>Free Electives</b>	
<sup>4</sup> PSY 1000 is a prerequisite for PSY 3110.			<b>12 S.H.</b>	
<sup>5</sup> A C or better is required to move on to the next level course.			SUGGESTED: MATH 1000 <sup>10</sup> , MGS 2030 Principles of Management, BIO 3100 <sup>8</sup> Medical Terminology, EXSC 4630 Electrocardiography, TR 3790 Rec Therapy for Individuals with Physical Disabilities	
<sup>6</sup> MATH 1054 is a co-requisite for BIO 1300, CHEM 1083 & PHYS 2091.			1000-4000 Level Elective	2
<sup>7</sup> BIO 1300 is a prerequisite.			1000-4000 Level Elective	6
<sup>8</sup> BIO 1400 & GE 2024 are prerequisites.			3000-4000 Level Elective	4
<sup>9</sup> Activity courses include EXSC: 1011, 1020, 1023, 2023, 1025, 1108, 1109, 1130, PED: 1101, 1103, 1110, 1113				
<sup>10</sup> May be required based on placement test results.				
***Courses require a B- or better.				

**\*Please Select one of the Following Concentration : Athletic Training or Physical Therapy**

Athletic Training Concentration Courses		13 S.H.
Activity Options <sup>9</sup>		4
EXSC 3617 Group and Personal Training Lab		3
EXSC 3692 Clinical Exp. Exercise Science***		3
EXSC 4627 Clinical Practice Exercise Science***		3
Physical Therapy Concentration Courses		13 S.H.
Activity Option <sup>9</sup>		1
BIO 1400 General Biology II <sup>7</sup>	BIOL 162 General Biology II	4
CHEM 1084 General Chemistry II	CHEM 182 General Chem II	4
PHYS 2092 General Physics II	PHYS 172 Physics II	4