

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

GENERAL EDUCATION <sup>1</sup>		32 S.H.	ACADEMIC MAJOR	69 S.H.
Foundation Requirements:		13 S.H.	Major Required Courses**	41 S.H.
GE 1000 or GE 3000 Transition to Kean <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
<b>Take one "GE Approved" course from one area below</b>			HED 3515 Wellness	3
Fine Arts/Art History	Any Humanities Gen Ed	3	EXSC 3601 Nutrition for Fitness & Wellness	3
Philosophy or Religion			HED 3635 Introduction to Public Health	3
Foreign Languages (I & II)			EXSC 4605 Stats in Exercise Science	3
Music or Theatre			EXSC 4626 Prescriptive Ex. Programs	3
Interdisciplinary			EXSC 4629 Exercise Testing & Interpretation	3
<b>Social Sciences</b>		<b>6 S.H.</b>	<b>Required Courses (Page2) : Special Concentration 13 S.H.</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>Major Capstone Course 3 S.H.</b>	
Math 1016 Statistics	MATH 156 Statistics	3	EXSC 4625 Org/Admin Exercise Science***	3
CHEM 1083 General Chemistry I <sup>5,6</sup>	CHEM 181 General Chemistry I	4	<b>Free Electives 12 S.H</b>	
<b>Additional Required Courses</b>		<b>19 S.H.</b>	SUGGESTED: MATH 1000 <sup>10</sup> , MGS 2030 Principles of Management, BIO 3100 <sup>9</sup> Medical Terminology, EXSC 4630 Electrocardiography, TR 3790 Rec Therapy for Individuals with Physical Disabilities	
PSY 3110 Lifespan Psychology <sup>4</sup>	PSYC 278 Lifespan Development	3	1000-4000 Level Elective	STSC 150 Stud Succes 2
BIO 1000*/BIO 1300 General Biology I <sup>5,6</sup>	BIOL 161 General Biology I	4	1000-4000 Level Elective	Any remaining credit 6
BIO 2403 Human Anatomy & Phys I <sup>5</sup>	BIOL 130 Anatomy/ Physiology I	4	3000-4000 Level Elective	Any remaining credit 4
BIO 2404 Human Anatomy & Phys II	BIOL 131 Anatomy/ Physiology II	4	Special Instructions Continued	
PHYS 2091 General Physics I <sup>5,6</sup>	PHYS 171 Physics I	4	*Required of all majors. **Courses Required by Major. ***Courses require a B- or better.	
<b>Special Instructions</b>			Please see page 2 for Required Courses for AT/PT.	

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

<b>Athletic Training Concentration Courses</b>		<b>13 S.H.</b>
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
<b>Physical Therapy Concentration Courses</b>		<b>13 S.H.</b>
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

# GENERAL EDUCATION AND UNIVERSITY REQUIREMENTS

## Testing and Placement

Incoming freshmen and transfer students may be placed in specific GE Foundations, Developmental or ESL courses as a result of testing and/or multiple measures placement prior to registration. Students may be exempt from testing due to SAT/ACT scores or prior college work.

## **Prerequisites and Equivalencies for GE Foundations Courses**

GE 1000/GE 3000 is a University Graduation Requirement GE 1000

Required of all freshmen & transfers entering with 0-29 credits

Prerequisite: None Equivalent: ID 1001

## **GE 3000**

Required of transfers entering with 30 credits or more

Prerequisite: 30 credits and ENG 1030

## **ENG 1030**

Prerequisite: Placement testing or exemption from placement testing

ENG 1025 if required by placement testing

Equivalent: ENG 1031/1032, ENG 1033/1034, ENG 1430

(ESL version), ENG 1620 (Honors version), ENG 1020, ENG 1400

## **MATH 1000 or MATH 1044\***

Prerequisite: MATH 0901 if required by placement testing

\*MATH 1044 is available as a Foundation option for CBPM students only

Equivalent: MATH 1000: MATH 1001/1002, MATH 1003/1004, MATH 1051

## **MATH 1010 or 1016 or 1030**

Prerequisite: MATH 0901 if required by placement testing

Co-requisite: Math 0902 (only required, with advisement, based on placement test score and intended major)

## **MATH 1054**

Prerequisite MATH 0901 if required by placement testing and MATH 1000

## **BIO 1300**

Co-requisite: MATH 1054 Prerequisite for BIO 1400

## **CHEM 1083**

Co-requisite: MATH 1054 Prerequisite for CHEM 1084

## **PHYS 2091**

Co-requisite: MATH 1054 Prerequisite for PHYS 2092

## **COMM 1402**

Prerequisite CS 0412 if required by placement testing ENG 1025 if required by placement testing

May be taken concurrently with ENG 1030

Equivalent COMM 1400

**GE 2021- 2026** *Research and Technology* is offered as college-based course

GE 2021 College of BPM

GE 2022 College of EDU GE 2023

All College of CLA

GE 2024 College of NAHS & NJCSTM & NWGC (Speech Language and Hearing Science majors)

GE 2025 SFPA & Michael Graves College

GE 2026 Undecided Majors and other special populations

Prerequisite CS 0412 if required by placement testing; ENG 1030 or equivalent course

Equivalent: GE 2020

## GE Distribution Courses

### **Approved GE Distribution Courses**

All courses taken under the General Education

Disciplinary/Interdisciplinary Distribution requirements must be

selected from the Approved General Education Distribution Course

List. These courses are designated as GEHU, GESS, and GESM.

GEHU Humanities

GESS Social Sciences

GESM Science and Mathematics

### **Required GE Distribution Courses**

**ENG 2403** is a required Humanities Distribution course with an emphasis on diversity.

Prerequisite: CS 0412 if required by

placement testing; ENG 1030 or equivalent

Equivalent: ENG\*2203

**HIST 1062** is a required Social Sciences

Distribution course. Prerequisite: None

Foreign Language Credit

The three credits for a foreign language that may satisfy the GE Disciplinary/Interdisciplinary Distribution Requirement are awarded only upon successful completion of the second of two semesters of study at the introductory or intermediate level.

Credit for the first semester may be used as elective credit.

## **UNIVERSITY REQUIREMENTS**

### GE 1000/3000 Requirement

All undergraduate students must satisfy this University requirement for graduation by successfully completing one of the following courses at Kean University: GE 1000 Transition to Kean (all freshmen and transfers entering with 0-29 credits) or GE 3000 Transfer Transitions (transfers entering with 30 credits or more).

### Writing-Emphasis Requirement

All students are required to complete one "Writing- Emphasis" course.

The "W-E" course must be within the major portion of your program.

Consult your major program advisor for specific information.

Note: Equivalent courses may be prior General Education or prerequisite coursework taken by students that is now discontinued