Revised Guidesheet

KEAN UNIVERSITY

College of Natural, Applied and Health Sciences

(70200) B.S. in Medical Technology (General Option): 120 Semester Hours (S.H.)

Minimum GPA Declaration: 2.85

Minimum GPA Required for Major: 2.85****

Overall Minimum GPA Required for Graduation:2.85****

Effective Date: **Fall 2019**

GENERAL EDUCATION: 32 S.H			*****ACADEMIC MAJOR REQUIREMENTS: 66 S.H.**		
Foundations Requirements[1]	**13 S.H.**		**Major Required Courses: 36 S.H.**		
GE 1000 Transition to Kean **OR** GE 3000 Transfer Transitions[2]	1		BIO 1300 General Biology I[6]	4	
			BIO 1400 General Biology II[7]	4	
ENG 1030 College Composition[3]	3		BIO 2403 Human Anatomy and Physiology I	4	
MATH 1054 Precalculus[4]	3		BIO 2404 Human Anatomy and Physiology II	4	
COMM 1402 Speech Communication	3		BIO 3315 Microbiology Lecture[8]	3	
GE 2024 Research & Technology	3		BIO 3315L Microbiology Lab	1	
Disciplinary & Interdisciplinary Distribution Requirements[1]: 19 S.H.			BIO 3709 Principles of Genetics	4	
			BIO 4316 Immunology Lecture[8]	3	
Humanities: 6 S.H. (from different areas)			BIO 4316L Immunology Lab	1	
*ENG 2403 World Literature	3		BCHM 4115 Biochemistry Lecture[8]	3	
Take one "GE-Approved" Humanities course from below:			BCHM 4115L Biochemistry Lab (W-E)	1	
			BIO 3260 Introduction to Histology OR BIO Major Elective @ 3000/4000 level	4	
Fine Arts/Art History	3				
Philosophy or Religion	3		**Required Courses: Special Options 30 S.H.**		
Foreign language (Must take I and II for credit)	3		**General Option: 30 S.H.**		
Music or Theatre	3		ID 4877- ID 4878 Clinical Preceptor I & II	30	
Interdisciplinary	3				
Social Sciences: 6 S.H. (from different areas)			**** Major Capstone Course*** 3 S.H.**		
*HIST 1062 Worlds of History	3		BIO 4970 Seminar in Integrative Biology	3	
Take one "GE-Approved" Social Sciences course from below:					
			FREE ELECTIVES (50% at 3000-4000 level): 7 S.H		
Economics or ES 1010 (World Geography)	3		BIO 1996 Research Initiative for 1st Year Students (optional)	1	
Political Science	3		BIO 3291-93 Cooperative Education (Optional Internship)	1-3	
Psychology	3				
Sociology or Anthropology	3				
Interdisciplinary	3				
Science & Mathematics: 7 S.H.			**Special Notes:**		
MATH 1016 Statistics	3		[1]See Prerequisites & Equivalencies (on page 2)		
CHEM 1083 Chemistry 1[5]	4		[2]University Requirement for Graduation for all undergraduate students that must be satisfied in one of two ways: Complete GE 1000 (all freshmen and transfers entering with 0-29 credits) OR complete GE 3000 (transfers entering with 30 credits or more).		
ADDITIONAL REQUIRED COURSES*: 12 S.H.**					
CHEM 1084 Chemistry II[5]	4				
CHEM 2581 Organic Chemistry Lecture I[5]	3		[3]ENG 1030 requires a grade or C or higher		
CHEM 2581L Organic Chemistry Lab I[5]	1		[4]With qualifying placement test scores, this course may be substituted with a Free Elective		
CHEM 2582 Organic Chemistry Lecture II	3		[5]C or higher needed to progress to the next course.		
CHEM 2582L Organic Chemistry Lab II	1		[6]If enrolled before 9/14, substitute BIO 2200.		
			[7]If enrolled before 9/14, substitute BIO 2400.		
			[8]Lecture course must be taken concurrently or prior to corresponding lab.		
			*GE Distribution course required of all students		
			**Course required by Major		
			***All Major courses require a grade of C or better		
			******Minimum cumulative GPA of 2.85 required to apply to senior year clinical preceptorship at partner hospitals. A 3.0 GPA makes you a better candidate for acceptance into the program.******		
Revised. 07/02/19					

GENERAL EDUCATION AND UNIVERSITY REQUIREMENTS

GENERAL EDUCATION INFORMATION AND 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 prior to registration. Students may be exempt from testing due to SAT scores or prior college work.

Prerequisites and Equivalencies for GE Foundations Courses

GE 1000
Required of all freshmen & transfers entering with 0-29 credits
Prereq: None
Equiv: ID 1001

GE 3000
Required of transfers entering with 30 credits or more
Prereq: 30 credits and ENG 1030

ENG 1030
Prereq: Placement testing or exemption from placement testing
Equiv: ENG 1031/1032, ENG 1033/1034, ENG 1430, ENG 1620, ENG 1020, ENG 1400

MATH 1000 or 1010 or 1016 or 1030
Prereq: MATH 0901 if required by placement testing
Equiv of MATH 1000: MATH 1001/1002, MATH 1003/1004, MATH 1051

MATH 1044 or 1054
Prereq: MATH 0901 if required by placement testing and MATH 1000

COMM 1402
Prereq: CS 0412 if required by placement testing
ENG 1031/1032 or ENG 1033/1034 if required by placement testing
May be taken concurrently with ENG 1030
Equiv: COMM 1400

GE 2021-2026 *Research and Technology* is offered as a college-based course
GE 2021 College of BPM
GE 2022 College of EDU
GE 2023 College of CLA
GE 2024 College of NAHS & NJCSTM & NWGC
GE 2025 SVPA & Michael Graves College
GE 2026 Undecided Majors and other special populations
Prereqs: CS 0412 if required by placement testing, ENG 1030 or equivalent,
COMM 1402
Equiv: 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 Distribution Courses

ENG 2403 is a required Humanities Distribution course with an emphasis on diversity.
Prereq: CS 0412 if required by placement testing; ENG 1030 or equivalent
Equiv: ENG* 2203

HIST 1062 is a required Social Science Distribution course.
Prereq: None

Foreign Language Credit
The three credits for a foreign language that may satisfy the GE Disciplinary/Interdisciplinary 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.

Pre-requisites and co-requisites may change; please consult KeanWise course descriptions for the most current information. Some courses may require approved petitions.

Your major's department is located in the Science Building, Room C-124 on Main Campus (telephone 908-737-3650)