

KEAN UNIVERSITY
College of Natural, Applied and Health Sciences
(Major Code 70502) B.S. in Forensic Science: Chemistry Option: 120 S.H.
Minimum GPA Required for Declaration: 2.50
Minimum GPA Required for Major: 2.5
Overall Minimum GPA Required for Graduation: 2.5
Effective: Fall 2024

Name:		TRANSFER INSTITUTION(S)	
Student ID #		Start term at Kean:	
GENERAL EDUCATION: 35 SH		ACADEMIC MAJOR COURSES: 52 SH	
Foundation Requirements:	13 SH	Major Required Courses	47 SH
GE 1000 Transition to Kean: OR GE 3000 Transfer Transitions ¹	1	CHEM 1084 ⁴ Chemistry II	4
ENG 1030 College Composition	3	CHEM 2581 Organic Chemistry ⁴ I	3
MATH 1054 Precalculus	3	CHEM 2582 Organic Chemistry II	3
COMM 1402 Speech Communication	3	CHEM 2581L Organic Chemistry Laboratory and Recitation I	1
GE 2024 Research & Technology	3	CHEM 2582L Organic Chemistry Laboratory and Recitation II	1
		CHEM 3284 Instrumental Methods of Analysis	4
DISCIPLINARY & INTERDISCIPLINARY DISTRIBUTION REQUIREMENTS:		CHEM 4284 Experimental Analytical Problem Solving	3
Humanities (GEHU)	6 SH	CHEM 4285 Chemical Separation Methods	3
ENG 2403 World Literature	3	BCHM4115 Biochemistry, BCHM4115L Biochemistry Lab	4
PHIL 2300 Introduction to Ethics	3		
		FSC 1000 Introduction to Forensic Science	3
Social Sciences (GESS)	6 SH	FSC 2600 CSI Procedures	3
PSY 1000 General Psychology	3	FSC 3300 Applied Forensic Science	4
HIST 1062 Worlds of History	3	FSC 4030 Forensic Chemistry	4
Science and Mathematics (GESM)	7 SH	FSC 4020 Forensic Biology	4
MATH 1016 Statistics	3	FSC 3700 Introduction to Forensic Toxicology	3
CHEM 1083 ⁴ Chemistry I	4		
Major/GE Capstone³	3 SH	Major Elective Courses	5 SH
FSC 4970 Forensic Science Capstone	3	One or more FSC courses (2000 or 3000 level)	5
ADDITIONAL REQUIRED COURSES: 37 SH	33 SH		
BIO 1300 General Biology I	4		
BIO 1400 General Biology II	4		
BIO 3709 Genetics	4		
MATH 2415 Calculus I	4		
PHYS 2091 General Physics I	4		
PHYS 2092 General Physics II	4		
CJ 2600 Criminal Justice in America	3		
CJ 2610 Criminology OR FSC 2800 HTGAWM	3		
FSC 1800 Forensic Science and the Law	3		
Advisor's Signature:			

¹See prerequisites & equivalencies

²University 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)

³ENG 1030, Capstone & Major Courses require C or higher

⁴C or higher needed to progress to next course

Note: Recent illicit drug use (five years), felony convictions, commission of crimes for which you have not been charged, drunk driving convictions, and co-habitation with drug users and/or felons will disqualify an applicant from most positions. The same qualifications apply to the required internships.

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 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

Course Paired with Reading Must be taken concurrently with CS 0412 if required by placement testing.

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.

Prereq: CS 0412 if required by placement testing; ENG 1030 or equivalent
Equiv: ENG*2203

PSY 1000 & HIST 1062 is a required Social Sciences Distribution course with an emphasis on diversity. Prereq: 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.

Major/GE Capstone Course (a Capstone course is a major course that satisfies three credits of GE requirements.)

Each major guide sheet will count three credits for the Capstone as either GE credits or major credits, but not both.

Course Prerequisites (Pre/Corequisites may change, consult Keanwise: Some course may require approved petitions)

BIO 1300: MATH 1000 or equivalent placement

BIO 1400: Prerequisite BIO 1300 and Corequisite MATH 1054 (Precalculus)

BIO 3709: BIO 2400 or 1400

BCHM4115, BCHM4115L, pre req is Orgo II

BIO 4709: BIO 3709, BCHM4115, or permission of instructor

FSC 2000: FSC 1000 & CJ 2600

FSC 3000: CJ 3700 & FSC 2000

FSC 4010: CJ 3700 & FSC 2000

FSC 4020: FSC 200 & BIO 3709

FSC 4030: BCHM4115

FSC 4970: 20 credits of biology plus senior biology major status (requires approved petition); GPA 2.5 required

CHEM 1083: Prerequisite MATH 1000 (College Algebra); Corequisite MATH 1054 (Precalc)

CHEM 1084: MATH 1054, & CHEM 1085 with grade of C or better

CHEM 2581: CHEM 1086 with grade of C or better

CHEM 2581L: Corequisite of CHEM 2581

CHEM 2582: CHEM 2581 with grade of C or better

CHEM 2582L: CHEM 2581L with grade of C or better & Corequisite of CHEM 2582

CHEM 3284: CHEM 2283, MATH 2411, PHYS 2096 or permission of instructor

CHEM 4284: CHEM 2584, CHEM 3284, CHEM 3383 or permission of instructor

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.