

**KEAN UNIVERSITY**  
**College of Natural, Applied and Health Sciences**  
**(Major Code 70501) B.S. in Forensic Science: Biology 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: Student ID #		TRANSFER INSTITUTION(S) Start term at Kean:	
<b>GENERAL EDUCATION:</b>		<b>ADDITIONAL REQUIRED COURSES: 33 SH</b>	
<b>Foundation Requirements<sup>1</sup></b>	<b>13 SH</b>		
GE 1000 Transition to Kean <sup>2</sup> OR GE 3000 Transfer Transitions <sup>2</sup>	1	CHEM 1084 Chemistry II <sup>4</sup>	4
ENG 1030 <sup>3</sup> College Composition	3	CHEM 2581 Organic Chemistry I <sup>4</sup>	3
MATH 1054 Precalculus	3	CHEM 2582 Organic Chemistry II <sup>4</sup>	3
COMM 1402 Speech Communication	3	CHEM 2581L Organic Chemistry Lab I <sup>4</sup>	1
GE 2024 Research & Technology	3	CHEM 2582L Organic Chemistry Lab II <sup>4</sup>	1
		MATH 2415 Calculus I	4
<b>DISCIPLINARY &amp; INTERDISCIPLINARY DISTRIBUTION REQUIREMENTS: 22 SH</b>		PHYS 2091 General Physics I	4
<b>Humanities</b>	<b>6 SH</b>	PHYS 2092 General Physics II	4
ENG 2403 World Literature	3	CJ 2600 Criminal Justice in America	3
PHIL 2300 Introduction to Ethics	3	CJ 2610 Criminology OR FSC 2800 HTGAWM	3
		FSC 1800 Forensic Science and the Law	3
		<b>MAJOR REQUIRED COURSES:</b>	<b>37 SH</b>
		BIO 1300 General Biology I	4
		BIO 1400 General Biology II	4
<b>Social Sciences 6 SH</b>	<b>6 SH</b>	BIO 3709 Genetics	4
PSY 1000 General Psychology	3	BCHM4115 Biochemistry, BCHM4115L Biochemistry Lab	4
HIST 1062 Worlds of History	3		
<b>Science and Mathematics (GESM)</b>	<b>7 SH</b>	FSC1000 Introduction to Forensic Science	3
MATH 1016 Statistics	3	FSC 2600 CSI Procedures	3
CHEM 1083 Chemistry I <sup>4</sup>	4	FSC 3300 Applied Forensic Science	4
		FSC 4709 Forensic Genetics	3
		FSC 4709L Forensic Genetics Laboratory	1
<b>Major/GE Capstone<sup>3</sup></b>	<b>3 SH</b>	FSC 4020 Forensic Biology	4
FSC 4970 Forensic Science Capstone	3	FSC 3700 Introduction to Forensic Toxicology	3
		<b>MAJOR ELECTIVE courses: (2000 or 3000 level courses)</b>	<b>15</b>
		BIO or FSC elective courses (2000 or 3000 level)	

<sup>1</sup>See prerequisites & equivalencies

<sup>2</sup>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)

<sup>3</sup>ENG 1030, Capstone & Major Courses require C or higher

<sup>4</sup>C 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 2500:** BIO 2400 (Genes, Org, Pop) or 1400 (Gen Bio II)

**BIO 3400:** BIO 2400 or 1400, CHEM 1086 (Chem II)

**BIO 3614:** BIO 2200 or 1300, or instructor permission

**BIO 3709:** BIO 2400 or 1400

**BIO 4700:** BIO 3709 & BCHM4115, BCHM4115L

**BIO 4835:** MATH 1054 (Precalculus) & 16 credits of biology

**FSC 3300: FSC 2600**

**FSC 4709: Senior Level Standing**

**FSC 4020: FSC 2600 & BIO 3709**

**FSC 4030: BCHM4115, BCHM4115L**

**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 1083 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

**MATH 2415: MATH 1054 (Precalc)**

**PHYS 2091: MATH 1054 (Precalc) or equivalent**

**PHYS 2092: PHYS 2091**

## 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.