



**KEAN UNIVERSITY  
FOUR YEAR ACADEMIC PLAN**

**BACHELOR OF SCIENCE IN CLS/JOINT with RUTGERS MLS (70401)**

**(B.S. Clinical Laboratory Science/Joint w Rutgers Medical Lab Science 130 S.H.) Effective 09/17**

**Program Notes:**

- This major requires a minimal cumulative GPA of 2.85 for Kean University and for application to senior year clinical preceptorship at an affiliate clinical laboratory program.
- Actual course sequence will vary by student/program and is based upon course availability.
- Some advanced courses in the major are offered only on a rotating basis and may vary by term offered.
- Major elective & free electives and their availability vary according to registration demand and faculty availability. Selections are approved thru the advisement process.
- Individual time to student's completion of graduation requirements will vary according to scores on admission placement testing and successful completion of prerequisites. This four year plan assumes placement into MATH 1054 & ENG 1030 at time of entry into Kean. It is for guidance purposes only.
- The semesters shown are Fall/Spring only. Some students may opt for intersession and/or summer. The clinical program at Rutgers starts during the summer.
- The deadline for applying for clinical preceptor ship is October 1 before starting the summer of the next year. Applications require sealed transcripts from all colleges and universities.

Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

**FRESHMAN YEAR 1**

**Fall Semester Yr-1**

GE 1000 Transition to Kean	1
ENG 1030 College Composition	3
MATH 1054 Pre-calculus	3
CHEM 1083 General Chemistry I	4
BIO 1300 General Biology I	4

**Spring Semester Yr-1**

BIO 1400 General Biology II	4
COMM 1402 Speech Communication	3
HIST 1062 Worlds of History	3
CHEM 1084 General Chemistry II	4

Total Credits                      15

Total Credits                      14

**SUMMER I**

\_\_\_\_\_ S.H.

\_\_\_\_\_ S.H.

**SUMMER II**

\_\_\_\_\_ S.H.

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**SOPHOMORE YEAR 2**

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**Fall Semester Yr-2**

GE 2024 Research & Technology	3
CHEM 2581 Organic Chemistry I Lecture	3
CHEM 2583 Organic Chemistry I Lab	2
BIO 3709 Principles of Genetics	4
GE Social Science	3

**Spring Semester Yr-2**

BIO 3305 Principles of Microbiology	4
CHEM 2582 Organic Chemistry II Lecture	3
CHEM 2584 Organic Chemistry II Lab	2
BIO 3403 Anatomy & Physiology I	4

Total Credits 15

Total Credits 13

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**SUMMER I**

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**SUMMER II**

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**JUNIOR YEAR 3**

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**Fall Semester Yr-3**

BIO 3404 Anatomy & Physiology II	4
MATH 1016 Statistics	3
ENG 2403 World Literature	3
BIO 4315 Immunology	4

**Spring Semester Yr-3**

BIO 4105 Essentials of Biochemistry	4
BIO Major Elective @ 3000/4000 level	4
BIO 4970 Seminar Integrative Biology	3
GE Approved Humanities Course	3

Total Credits 14

Total Credits 14

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**SUMMER I**

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**SUMMER II**

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**SENIOR YEAR 4**

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Rutgers University **45** Total Credits spread over the following semesters: Summer, fall, spring & summer

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**TOTAL CREDITS REQUIRED FOR GRADUATION****130 S.H.**