



KEAN UNIVERSITY
FOUR YEAR ACADEMIC PLAN
BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY (70200)
124 S.H. Effective 09/17

Program Notes:

- This major requires a minimal cumulative GPA of 2.85 for Kean University graduation 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 senior year clinical program is at an affiliate clinical laboratory program.
- The deadline for applying for clinical preceptor ship is October 1 before starting the fall 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
GE Social Science	3

Total Credits 15

Total Credits 17

SUMMER I

SUMMER II

_____ S.H.

_____ S.H.

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_____ S.H.

SOPHOMORE YEAR 2

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
Free Elective @1000-4000 level	3

Total Credits 15

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
Free Elective @1000-4000 level	3

Total Credits 16

SUMMER I

_____ S.H.

_____ S.H.

SUMMER II

_____ S.H.

_____ S.H.

JUNIOR YEAR 3**Fall Semester Yr-3**

BIO 3404 Anatomy & Physiology II	4
MATH 1016 Statistics	3
ENG 2403 World Literature	3
BIO 4315 Immunology	4
Free Elective @3000-4000 level	3

Total Credits 17

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

SUMMER I

_____ S.H.

_____ S.H.

SUMMER II

_____ S.H.

_____ S.H.

SENIOR YEAR 4

ID 4877 Clinical Preceptor I

fall semester 15

ID 4878 Clinical Preceptor II

spring semester 15

Total Credits 30

Clinical Preceptor requires Application to an affiliate hospital program: The Valley Hospital School of Medical Laboratory Science (Ridgewood), Jersey Shore University Hospital's Florence M. Cook School of Medical Laboratory Science (Neptune), or Monmouth Medical Center School of Medical Technology (Long Branch). Admission to a program is competitive and is not automatic.

TOTAL CREDITS REQUIRED FOR GRADUATION

124 S.H.