KEAN UNIVERSITY
COLLEGE OF NATURAL APPLIED AND HEALTH SCIENCES
(78299)  B.A. IN MATHEMATICAL SCIENCES (Teacher Certification) 132 S.H.
(EFFECTIVE: 9/02)

GENERAL EDUCATION AND ADDITIONAL LIBERAL ARTS REQUIREMENTS:  60–61 S.H.

GENERAL EDUCATION REQUIREMENT:  43–44 S.H

FOUNDATIONS REQUIREMENTS:  12 S.H.

ENG 1030 College Composition 3

MATH 1000 Algebra for Coll. Students 3

COMM 1402 Speech Comm. As Crit.Cit. 3

GE 2024 Research & Technology 3

DISCIPLINARY/INTERDISCIPLINARY DISTRIBUTION REQUIREMENTS:

HUMANITIES  9 S.H.

* ENG 2403 World Literature 3

Select two courses from different areas

Fine Arts or Art History 3

Philosophy or Religion 3

Foreign Languages 3

Music or Theatre 3

Interdisciplinary 3

SOCIAL SCIENCES  9 S.H.

* HIST 1000 Hist of Civil Soc. in Amer. 3

PSY 1000 Gen Psychology 3

SOC 1000 Intro to Soc OR ANTHRO 1800 3

SCIENCE & MATHEMATICS 10–11 S.H.

*MATH 1054 Precalculus 3

Physics 2095 Physics I 3

Physics 2091 General Physics 3

(Select one course from the following)

BIO, CHEM, AST, ES, GEOL, MET, PHYS, or IDS 3

HEALTH/PHYSICAL EDUCATION  3 S.H.

ID 1225 Issues Contemporary Health 3

ADDITIONAL REQUIREMENTS  17 S.H.

CPS 1231 Fund of Computer Science 3

CPS 2231 Comp Org and Prog 3

PSY 2100 Adolescent Psych 3

Two additional DIS/ID Courses (Physics, Computer Science or Economics recommended) 3

2 See prerequisites and equivalencies on page 3.
3 Eng 1030 and IEL 2801 require a grade of B- or better. Comm 1402, Math and Laboratory Science, requirements require a grade of C or better.
4 Additional Requirements require a grade of C or better. Students whose qualifying score on the placement test makes them eligible to take either Math 1054 or Math 2411 may take that course instead. In that case, Math 1054 or Math 2411 will count as the General Education requirement and the student may take another 3 or 6 credits of liberal arts courses as free electives to total 132 S.H.
5 Credit granted only upon completion of both semesters of elementary or intermediate foreign language. Three credits may be applied to Humanities and three credits may be applied to Free Electives.
6 A minimum grade of C in no more than two major courses. A grade of B- or higher in remaining major courses.
7 Required Distribution Course
NEW JERSEY REQUIRES A PASSING SCORE ON THE MATHEMATICS CONTENT KNOWLEDGE AREA OF THE PRAXIS SERIES EXAM BEFORE CERTIFICATION. THE TEST SHOULD BE TAKEN IN THE SENIOR YEAR AND NOT MORE THAN (9) MONTHS PRIOR TO GRADUATION. REFER TO THE “N.J. PRAXIS SERIES: PROFESSIONAL ASSESSMENTS FOR BEGINNING TEACHERS” REGISTRATION BULLETIN AND YOUR MAJOR DEPARTMENT FOR MORE INFORMATION.

Criteria for acceptance into Teacher Education Programs:

A. Minimum GPA of 2.75 (combined from all institutions of higher education attended).
B. Completion of the following courses/minimum grades:
   • ENG 1030 College Composition (minimum grade of B-)
   • COMM 1402 Speech Comm as Critical Citizenship (minimum grade of C)
   • IEL 2801 Intro to Field Experience Subject Area K-12 (minimum grade B-)
   • Laboratory Science course (minimum grade of C)
   • Math requirement (minimum grade of C)
C. Completion of the Speech/Language Screening test available from the Child Study Institute.
D. All applicants must file a formal application for admission with the office of the major department and have an admission interview with the program coordinator. Contact Professor Jerry Weiner, Coordinator of K-12 Secondary Education Program, Willis 109, (908) 737-4270.

YOU MUST BRING THIS EVALUATION AND YOUR KEAN UNIVERSITY TRANSCRIPT TO ALL ADVISING/REGISTRATION SESSIONS.
ADDITIONAL MAJOR INFORMATION AND 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

ENG 1030
Prereq: Placement testing
Equiv: ENG 1031/32; 1033/34; 1430; ENG 1020; 1400

MATH 1000
Prereq: Placement testing
Equiv: MATH 1001/02; 1003/04; 1051

COMM 1402
Prereq: CS 0411 or 0412 if required by placement testing
ENG 1031/32; 1033/34
May be taken concurrently with ENG 1030
Equiv: COMM 1400

GE 2021-2024 Research and Technology is offered as college-based course
GE 2021 College of BPA
GE 2022 College of ED
GE 2023 College of AHSS
GE 2024 College of NAHS
Prereq: ENG 1030 or equivalent
Equiv: MATH 1000 or equivalent
GE 2020

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

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, printed in Registration Bulletin. These courses are designated as GEHU, GESS, GESM, GEHPE or GECP.

GEHU Humanities
GESS Social Sciences
GESM Science and Mathematics
GEHPE Health and Physical Education
GECP Approved GE Concentration Pairs: Special Disciplinary Pairs and Pairs Across Disciplines

Required GE Distribution Courses
ENG 2403 is a required Humanities Distribution course with an emphasis on diversity.
HIST 1000 is a required Social Sciences Distribution course with an emphasis on diversity.
MATH 1010, 1016, 1054, CPS 1031, 1032 or 1231 may be used to satisfy the Science and Mathematics Distribution requirement.

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 two semesters of study at the introductory or intermediate level.

GE Concentration Sequences
A concentration is a two-course sequence in the Liberal Arts and Sciences, outside the major, that builds upon an introductory GE Distribution course. Three different options for satisfying the concentration exist:

1. two courses in the same discipline at the two thousand level or above;
2. two courses from different disciplines at the two thousand level or above that cover a similar topic or theme (students taking this second option must obtain approval from the GE office prior to registration);
3. a preapproved pair of courses at the 1000 level or above that is published in the University Bulletin under GECP Distribution courses.

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.

UNIVERSITY REQUIREMENT

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.