

KEAN UNIVERSITY
COLLEGE OF NATURAL, APPLIED AND HEALTH SCIENCES
 (76199) **B.A. IN EARTH SCIENCE (Teacher Certification Option)** 127 S.H.
 (Effective 9/02)

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. "Additional Requirements" require a grade of C or better.

NAME _____
 STUDENT I.D.# _____
 START TERM _____

TRANSFER INSTITUTIONS (X)	CREDITS
_____	_____
_____	_____
_____	_____
In Progress () _____	_____
Kean University() _____	_____

ID 1001 Freshman Seminar¹ _____ 1 _____

GENERAL EDUCATION & ADDITIONAL LIBERAL ARTS REQUIREMENTS: 65 S.H.

GENERAL EDUCATION REQUIREMENTS: 44 S.H.

FOUNDATIONS REQUIREMENTS²: 12 S.H.
 ENG 1030 College Composition³ _____ 3 _____

MATH 1000 Algebra for Coll. Students⁴ _____ 3 _____

COMM 1402 Speech Communication As
 Critical Citizenship³ _____ 3 _____
 _____ GE 2024 Research & Technology _____ 3 _____

_____ (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 Languages⁵ _____ 3 _____
 _____ Music or Theatre _____ 3 _____
 _____ Interdisciplinary _____ 3 _____

SOCIAL AND BEHAVIORAL SCIENCES 9 S.H.

*HIST 1000 History of Civil Society
 in America _____ 3 _____
 PSY 1000 General Psychology _____ 3 _____
 SOC 1000 Or ANTH 1800 _____ 3 _____

SCIENCE & MATHEMATICS 11 S.H.

*MATH 1054 Precalculus^{3&4} _____ 3 _____
 CHEM 1083 Chemistry I _____ 4 _____
 BIO 1000 Prin of Biology³ _____ 4 _____

HEALTH / PHYSICAL EDUCATION 3 S.H.

ID 1225 Issues Contemp. Health _____ 3 _____

ADDITIONAL REQUIREMENTS³ 21 S.H.

MATH 2411 Calculus I OR _____
 MATH 2412 Calculus II _____ 3 _____
 CHEM 1084 Chemistry II _____ 4 _____
 PHYS 2091 Gen. Physics I _____ 4 _____
 PHYS 2092 Gen. Physics II _____ 4 _____
 PSY 2110 Psych. Adolescence _____ 3 _____
 One additional DIS or ID course _____ 3 _____

¹ Required of all Freshmen and Transfers with fewer than 10 Credits.

MAJOR AND CAPSTONE REQUIREMENTS⁶: 31 S.H.

ASTR 1100 Intro to Astronomy _____ 4 _____
 GEOL 1200 Intro to Geology _____ 4 _____
 METR 1300 Intro to Meteorology _____ 4 _____
 METR 2300 Climatology _____ 3 _____
 GEOL 3266 Hydrology _____ 4 _____
 OCEN 3453 Oceanography _____ 4 _____
 (Select one of the following four courses)
 GEOL 3261 Mineralogy _____
 GEOL 3263 Structural Geology _____
 GEOL 3264 Invert. Paleontology _____
 GEOL 3265 Geomorphology _____ 4 _____

MAJOR/GE CAPSTONE COURSE⁶

(Select either of the following)
 **ES 4953-4954 E.S. Seminar I, II WE_ 4 _____
 OR
 **ES 4963-4964 E.S. Hon Sem I, II WE_ 4 _____

PROFESSIONAL EDUCATION: 30 S.H.

Grades of (B-) or better in professional education Courses (and "Satisfactory" grades in IEL 3801 and 4801) required for students accepted to Kean University as of January 1996.

Sophomore Level

IEL 2801 Intro Fld Exp Subj Area K-12³ _____ 3 _____

Junior Level

EDUC 3000 Curr. Eval& Learner _____ 3 _____
 EDUC 3401 Language Arts/Reading K-12_3 _____
 IEL 3122 Computers in Education _____ 3 _____
 IEL 3230 Science Ed. K-12 WE _____ 3 _____
 IEL 3801 Junior Field Exp. K-12 _____ 2 _____

Senior Level

IEL 4801 Prof Intern/Subj Area K-12 _____ 10 _____

Professional/GE Capstone Course:

EDUC 4000 Teacher and Classroom _____ 3 _____

(OVER)

⁴ 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 127 S.H.

⁵ Credit granted only upon completion of two semesters of elementary or intermediate foreign language.

⁶ A minimum grade of C in no more than two major courses. A grade of B- or higher in remaining major courses.

*Required Distribution Course

**3 credits satisfy the GE Capstone requirement.

(76199) B.A. in Earth Science (Teacher Certification Option)

Comments:

NEW JERSEY REQUIRES A PASSING SCORE ON THE EARTH SCIENCE CONTENT KNOWLEDGE AND THE GENERAL SCIENCE CONTENT KNOWLEDGE PART 1 AREAS OF THE PRAXIS SERIES EXAM BEFORE CERTIFICATION IN EARTH SCIENCE. THE TEST SHOULD BE TAKEN IN THE SENIOR YEAR AND NOT MORE THAN (9) MONTHS PRIOR TO GRADUATION. REFER TO THE "NJ 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 Introduction to Field Experience Subj. Area K-12 (minimum grade of B-)
 - Laboratory Science course (minimum grade of C)
 - Math requirement (minimum grade of C)
- C. Completion of Speech/Language Screening test available from the Child Study Institute
- D. All applicants must file a formal application with the office of the major department and have an admission interview with the program coordinator. Please contact Professor Jerry Weiner, Coordinator of the K-12 Secondary Education Program, Willis Hall, 109, (908) 527-2058.

<u>Evaluator's Signature</u>	<u>Date</u>
<u>Advisor's Signature</u>	<u>Date</u>
<u>Advisor's Signature</u>	<u>Date</u>
<u>Advisor's Signature</u>	<u>Date</u>
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<u>Advisor's Signature</u>	<u>Date</u>
<u>Advisor's Signature</u>	<u>Date</u>
<u>Advisor's Signature</u>	<u>Date</u>
<u>Advisor's Signature</u>	<u>Date</u>

Your major department is located in the Science Building (C), Room 323, phone (908) 737-3690.

YOU MUST BRING THIS EVALUATION AND YOUR KEAN UNIVERSITY

TRANSCRIPT TO ALL ADVISING/REGISTRATION SESSIONS

ADDITIONAL MAJOR INFORMATION AND REQUIREMENTS

GEHU Humanities
GESS Social Sciences
GESM Science and Mathematics
GEHPE Health and Physical Education
GECF 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 GECF 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.

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
MATH 1000 or equivalent

Equiv: 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 GECF.