

KEAN UNIVERSITY
COLLEGE OF NATURAL, APPLIED and HEALTH SCIENCES
(76201) **B.S. IN EARTH SCIENCE (Geology Option)** 124 S.H.
(Effective: 1/03)

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

TRANSFER INSTITUTIONS (X) _____ CREDITS _____

In Progress () _____
Kean University () _____

GENERAL EDUCATION REQUIREMENTS: 52-53 S.H.

FOUNDATIONS REQUIREMENTS¹: 13 S.H.

GE 1000 Transition to Kean² _____ 1 _____
ENG 1030 College Composition³ _____ 3 _____
MATH 1000 Algebra for Coll. Students⁴ _____ 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 Languages⁵ _____ 3 _____
Music or Theatre _____ 3 _____
Interdisciplinary _____ 3 _____

SOCIAL SCIENCES 9 S.H.

*HIST 1000 Hist. of Civil Soc. in Amer. _____ 3 _____
(Select two courses from different areas)
Economics or Geography _____ 3 _____
Political Science _____ 3 _____
Psychology _____ 3 _____
Sociology or Anthropology _____ 3 _____
Interdisciplinary _____ 3 _____

SCIENCE & MATHEMATICS 11 S.H.

*MATH 1054 Precalculus⁴ _____ 3 _____
CHEM 1083 Chemistry I _____ 4 _____
CHEM 1084 Chemistry II _____ 4 _____

HEALTH/PHYSICAL EDUCATION 2,3 S.H.

ID 1225 Issues Contemp. Health OR
ID 1010 Leisure & Rec Multicult Soc _____ 3 _____
OR
Physical Education _____ 1 _____
Physical Education _____ 1 _____

CONCENTRATION 8 S.H.

Phys 2091 General Physics I _____ 4 _____
Phys 2092 General Physics II _____ 4 _____

ADDITIONAL REQUIREMENTS 11 S.H.

MATH 2411 Calculus I _____ 3 _____
BIO 1000 Principles of Biology _____ 4 _____
CPS 1231 Fund. of Computer Sci. _____ 4 _____

MAJOR AND CAPSTONE REQUIREMENTS³ 56 S.H.

GEOL 1200 Intro. to Geology _____ 4 _____
ES 2200 Methods in Geoscience _____ 4 _____
ES 3200 GIS in Geoscience _____ 4 _____
GEOL 3261 Mineralogy _____ 4 _____
GEOL 3263 Structural Geology _____ 4 _____
GEOL 3264 Invert. Paleontology _____ 4 _____
GEOL 3265 Geomorphology _____ 4 _____
GEOL 3281 Field Geology I _____ 2 _____
GEOL 4252 Field Geology II _____ 2 _____
GEOL 4265 Petrology _____ 4 _____
GEOL 4266 Stratigraphy & Sed. _____ 4 _____

MAJOR/GE CAPSTONE COURSE³

(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 _____

MAJOR ELECTIVES³ 12 S.H.

(Selected with Departmental Advisement)

FREE ELECTIVES: 4-5 S.H.

⁴A student 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, either Math 1054 or Math 2411 will count as the General Education requirement and the student may take another 3 or 6 credits in Free Electives to total 124 S.H.

⁵Credit granted only upon completion of both semesters of elementary or intermediate foreign language. Three credits may be applied to the Humanities and three credits may be applied to Free Electives.

*Required Distribution Course.

**3 credits satisfy the GE Capstone requirement.

¹ See prerequisites and equivalencies on page 3.

² Required of all Freshmen and Transfers with fewer than 10 Credits.

³ Eng 1030 College Comp, all major courses and Capstone, require a grade of C or better.

(76201) B. S. EARTH SCIENCE (Geology Option)

Comments:

Evaluator's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Advisor's Signature _____ Date _____

Your major department is located in the Science Building, Room 323, phone (908) 527-2064.

**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

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.

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.