

KEAN UNIVERSITY
COLLEGE OF NATURAL, APPLIED and HEALTH SCIENCES
 (76201) **B.S. IN EARTH SCIENCE (Geology Option)** 124 S.H.
 (Effective: 9/02)

NAME _____	TRANSFER INSTITUTIONS (X) _____	CREDITS _____
STUDENT I.D.# _____	_____	_____
START TERM _____	_____	_____

ID 1001 Freshman Seminar¹ _____ 1 _____

GENERAL EDUCATION REQUIREMENTS: 51-52 S.H.

FOUNDATIONS REQUIREMENTS²: 12 S.H.

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 _____ 3 _____
 OR
 Physical Education _____ 1 _____
 Physical Education _____ 1 _____

CONCENTRATION 8 S.H.

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

In Progress () _____
 Kean University () _____

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

² See prerequisites and equivalencies on page 3.

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

(76xxx) 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.